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Lancaster Farming

VOL. 6 NO. 32 | Lancaster Farming, Saturday, July 1, 1961 | $2 Per Year

PART OF THE GROUP OF THIRTY THREE farmers who turned out at the June meeting of the Solanco Young Farmers to compare "wheeltrack" planting of corn be- conventional plantings, examine a corn field. William Fredd, right foreground, tells t cultural practices were used on the plot on the farm of Ziegler Hess, Quarryville Fredd is the advisor to the Young Farmer's Association which held a winter meet- with a panel to discuss corn growing techniques and the follow-up meeting to see e of the ideas in practice. —L. F. Photo

Corn Growing Panelist Updates His Practices

Ziegler Hess, a poultryman at Quarryville R3, last winter served on a panel of corn growers to explain his corn growing program to the Solanco Young Farmers Association.

Another member of the panel reported on the success of several "Wheeltrack" plantings of corn in the county.

At the meeting Mr Hess explained that he had always tried to cultivate his corn several times during the growing season, but he said, "I guess we are never too old to learn something new in this business of farming." Mr. Hess has passed his 63rd birthday.

This week, Hess, through the Solanco Young Farmers Association and their advisor Wm Fredd, invited the group to his farm to observe his own experiments with wheel track planting.

As an outgrowth of the winter meeting, Hess became interested in trying some corn planted in the tractor wheeltrack but was not convinced he should abandon his conventional method of soil preparation.

However, he purchased a new planter and rigged it to follow the tracks of a four-wheel type tractor He planted a total of 70 acres on two farms.

On one plot, Hess plowed with a moldboard plow and disked the ground once before planting On the second plot he plowed with a moldboard plow, disked once and worked the soil once with a Graham - Hamme cultivator before planting in wheeltracks On the third and largest plot he plowed with the moldboard plow and immediately planted in the wheeltracks.

Each of the three plots have been sprayed with LV-4 but none of the plots have been cultivated.

At the Tuesday night meeting of the Solanco Young Farmers, some 33 farmers turned out to compare the three treatments with the corn fields of James Lefever across the road. Lefever worked his corn ground in the conventional method by preparing a good seedbed before planting and planted the corn behind a tractor with wide wheels.

Reaction to the results were varied, but most of the farmers agreed they were suprised at the few weeds in the plow-plant plots as compared with the plots that received some cultivation *before planting.*

Ralph Harnish, Christiana R1 said, "That's clean enough for me. It all my corn fields were that clean I wouldn't cultivate them."

James Jackson, Christiana R1, one of the members of the winter panel on corn growing, said, "I'm not convinced yet. It is too rough for me, but maybe I will like it better this fall. It looks too much like the hogs have been rooting around."

Everett Kreider, Quarryville R1, who does some custom corn picking thought the weeks would not be a problem, but wondered if the

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o County Herds Produce Tie cords In DHIA Testing In May

ly two cows in the Red Dairy Herd Improve- Association made more 700 pounds of butter- n the lactations comple- during May, the recent letter of the assn. shows o herds in the associa- had 70 pounds of butter er cow for the month 34 registered Holsteins e herd of Mowrey Frey Lancaster R7, made the d on 1,750 pounds of with a 4 0 per cent while the 10 registered ems in the George Herd at Stevens R1, ged 1730 pounds of with 4 0 per cent test. Holstein cow owned by Shelly, Manheim R1, ed the highest lactat- during the month. Judy 715 pounds of butter- n 18,813 pounds of milk a 3 8 per cent test. ly two pounds of but- fat separated the two ows as a registered Hol- cow owned by Ray- Hoover, Gap R1, finished the year with 713 lbs. of butterfat. Faye made her record with 17,469 pounds of milk with a 4.1 per cent test Sixteen other cows in the association finished lactations with better than 600 pounds of butterfat.

Second place in the monthly averages belongs to the 43 registered Guernseys in the herd of Raymond and Louise Witmer, Willow Street R1. The Pen-Del herd made 62 pounds of butterfat per cow with an average production of 1,221 pounds of milk with a 5 1 per cent test. Besides the three top herds no other herd in the association produced better than 60 pounds of fat during the month, but 66 herds had 50 or more pounds

H. J. Lindencamp Given Award

UNIVERSITY PARK—J Harold Lindecamp, R2 Peach Bottom, Pa, received a certificate of recognition for serving 11 years as Dairy Herd Improvement Association Supervisor in Lancaster County. The award was made at the annual meeting of the Association of Pennsylvania

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Hot Hay Blamed For Fire In East Lampeter Barn

Hot hay was blamed for a fire that swept through a large frame barn in East Lampeter Township early on Tuesday afternoon. The fire caused an estimated $17 000 damage to the barn and contents

The burned barn was on the farm owned by Aaron Kolb and farmed by his son Melvin at 621 Willow Road. The owner, who said the loss is covered by insurance, estimated the value of the building at $15,000 and the hay and dairy feed at $2,000

Responding to the alarm turned in about 12:30 p m. were fire companies from Witmer, Eden, Bird-In-Hand and Ronks Firemen from Leola and Leacock stood by in case they were needed.

Between 250 and 300 volunteers, including firemen & neighmoring farmers, worked into the evening with tractors and wagons to haul the smouldering hay away from the buildings and dump it in nearby fields.

The spontaneous combustion was caused when hay with a high moisture content was stored in the barn. Fermentation of the hay produced enough heat to bring the materials to the kindling point.

Cooking Club Elects Officers

Miss Lois Clymer was named president of the Conestoga 4-H Cooking club on Tuesday night at the reorganizational meeting in the Conestoga Valley high school.

Other officers elected include vice resident, Ellen Overgaard; Secretary, Jean Clymer; and treasurer, Julia Landis.

Adult leaders of the club are Joyce Denlinger, Mrs. Alvera Hess and Karen Boran.

Crop Summary

Barley Harvest Cautiously Begins

Soil moisture continued to spur corn and tobacco growth this week, but rain made hay making headaches for some county farmers.

Hay making and cultivation of corn and tobacco, on lighter soils where moisture was not a problem, continued to be the major portion of the farm work during the week A few scattered fields of barley around the county felt the combine during the week, but wet days and tough grain kept some farmers out of the harvest. Most barley crops were not yet ripe enough for good threshing, but the grain is colored and a few hot dry days will drive many combines into the fields.

Pennsylvania farmers last week were singing, "Let's make hay while the sun shines," the State Crop Reporting Service said Tuesday in its weekly crop and weather summary.

Insect and weed control programs are in full swing in most vegetable producing areas The peak of the strawberry harvest has passed in southern and central counties, but a light volume will continue from most areas for several days Quality and volume has been generally good.

Snap beans are showing rapid growth and processors

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Wildlife Club Hears Report

Members of the Lititz 4-H Wildlife club were asked to respond to roll call by reporting the kind of wildlife they had observed at their second meeting of the club

Meeting at the home of John M. Buckwalter, Lititz R3, the group heard a report from Melvin Long, one of their members, on the wildlife he observed on a recent trip to Potter County, Pa. Long also showed a series of colored slides of his trip.

President Jay Foreman presided at the meeting, according to Linda Stauffer, reporter for the club.

Japanese Beetle Invasion Coming

The beetles are coming!

Millions of Japanese beetles are just about ready to invade this area, warns Chester County Agent, Robt. A. Powers, Jr. And before long, unless stern measures are taken to stop them, they will be eating roses, grapes,

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FIVE - DAY WEATHER FORECAST

Saturday - Wednesday

Temperatures during the next five days are expected to average near the normal range of 65 at night to 85 in the afternoon. Cooler air Saturday and Sunday will be replaced by warmer Monday. Cooler again toward the end of the period. Participation may total .1 to .5 inch occurring towards the end of the period.

RM CALENDAR

5—8 00 p m. - Red Rose y Beef and Lamb Club ts at the home of J. old Frey, 1/2 mile west Maytown Safety pro- m John Reifsnyder of &L is the speaker.

6 — 9 00 a m. - South- t district judging day at Harden Farms at Ann- e Lancaster County up meet at Clearview er on Route 230.

p m —County 4-H Bee b meets at the apiary Ralph Gamber, 910 e Street Lancaster

7—1 00 p m - County 4- demonstration day at caster County Farm eau Building, Diller- e Road

8—Keystone Ram and sale at the Farm Show , Harrisburg

13—Deadline for entry 4-H Demonstration s for district compe- n at Kutztown.

At Lancaster Yards

Higher In Active Trade

CATTLE. 2600 compared with 2550 last week. Supply included 60 percent slaughter steers, 30 percent stockers and feeders. Trading was moderately active. Compared with last week's close, slaughter steers were 50-1 00 higher. Canner and Cutter cows 25-50 lower, Utility 75 lower. Bulls steady. Stockers and feeders fully steady.

Slaughter Steers: Choice grade 950 1300 lbs 22.75-24 , four loads high-Choice 1136-1220 lbs 24 25-24.35, load of Prime 1207 lbs. 25 00, Good to low-Choice 21.50-22 75, Standard 19 50-21 50.

Cows Utility and Cutter 17.25-18 00, Canners and low Cutters 15 50-17 25, shelly Canners down to 12.75.

Bulls. Utility and Commercial 19 50-22 50, Good grade 22 00-23 00.

Stockers & Feeders. Good and Choice 550-800 lb. stock steers 24 -27 , Medium and Good 21.00 25.00, Good and Choice 800-1050 lbs 23.00-25.00. Good and Choice stock calves 26.00-29.00.

CALVES. ... compared with 566 last week. Trading moderately active. Vealers strong. Good and Choice 28.-32 , Choice and Prime 32 00-35.00, few to 36.00, Standard and low-Good 24 00-28.00, Utility down to 22 00.

HOGS: 1500 compared with 1519 last week Trading was fairly active Barrows and gilts 50 higher.. Sows steady.

Barrows & Gilts: U. S. 1-2 190-220 lbs 19 00 19 75 no ... 190-220 lbs. 19.75-20 00, about 10 head 20.50. 1-3 190-230 lbs. 18.50-19 00, few lots ... 18 25 170-190 lb. 1-3 18.00-18 50, 230-250 lb. mostly and ... 17 75-18 50.

Sows U. S 1-3 mostly 2-3, 300-600 lbs 12 00-14.00.

SHEEP: 500 compared with 417 last week Spring lambs steady in moderately active trading Good and Choice 60-85 lb spring lambs 16 00-18.-50 Choice and Prime 18.25-20.50, lot Prime 88 lbs 21 00.

Chicago Cattle

Light Steers Show Strength

WEEKLY REVIEW. CATTLE— Receipts slightly larger than previous week Prime promising to reach nearly 15 percent largest in several weeks, choice little changed at nearly 65 percent

Slaughter steers 1250 lbs down 25-75 higher with those average choice and below fully 50 higher, steers over

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Vintage Livestock

Slaughter Steers Are 1.00 Higher

Cattle receipts totaled 574 at the June 27 auction at Vintage. Compared with last week's market, Slaughter steers were 1 00 higher. Cows 50 lower with spots 1.00 lower on Utility grade. Bulls strong

A few lots high Choice and Prime 950-1150 lb. slaughter steers 24 50-25.00, Choice 900 - 1300 lb. 22.75-24 50, Good to low Choice 22.00-23.25, Standard 19.75-22.00.

Cutter and Utility cows 17.00-18.00, Canners and low Cutters 15 25-17 00, shelly Canners down to 13.00. Utility and Coml. bulls 19.50-22.-50.

Calves 361 Vealers 1 00 lower. Good and Choice vealers 27.00-31 00, Choice and Prime 31 00 34 50, Standard and low Good 24 00-27.-50, Utility 23 00-26.00.

HOGS 223 Barrows and gilts 50-75 higher U. S. 1-2 186-207 lb barrows & gilts 19 60-19 75, 1-3 186-222 lb. 18 85-19 50, few lots 2-3 231-242 lb. 18 50-19.00, two lots No 3 256-260 lb. 17 75 18 10

SHEEP 56 spring slaughter lambs steady Good & Choice spring lambs 65-100 lb. 16 50-18 50 Cull to choice shorn slaughter ewes 3.50-7 00.

New Holland

Light Steers Are Higher

Slaughter steers grading low choice and below and weighing under 1,200 pounds were 50 higher at the June 29 auction at New Holland. Compared with last week's market all other steers were steady. Cows were 50 lower and bulls were strong. Receipts included 972 cattle.

Several lots of high choice and prime 950 to 1250 pound slaughter steers were 24 35 to 24 85. Choice 950 to 1300 pound steers brought 22 75 to 24.25, while 1,300 to 1,400 pounds made 22 25 to 23 60. Good to low choice sold at 21 50 to 23 50 and Standard was down to 20 25.

A few lots of good grade 730 to 913 pound heifers made 20.35 to 22.35

Cutters and utility cows brought 17-17 75. Canners & low cutters were 15 50-17 00 with shelly canners down to 12 50.

Utility and commercial bulls were 19.50-22 50 ... good grade bulls up to 22 ... 23.10

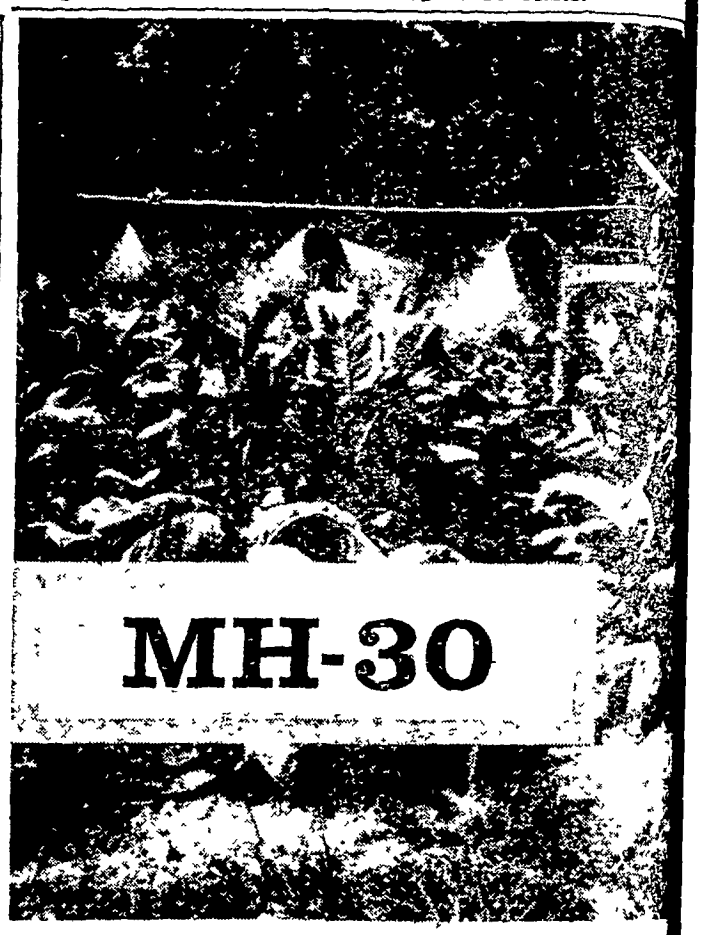
Calves: 224 Vealers ... fully steady. Good to ch... vealers brought 27 50 ... while choice and prime ... 32-36. Standard and ... good sold at 24-28 and ... ty at 23-26.

Dairy cattle contin... steady at the June 28 auct... Receipts included 144 co... 12 bulls and seven heifers.

Fresh Holstein cows m... $300-445 while Guern... brought $165-275 and o... breeds $175-290. Stock b... changed hands at $95 ... $175 and Stock heifers ... sed the block at $60-175.

At the June 26 auction horses, ponies and mules, market was steady to str... er All mules continued ... go to the killer trade ... ceipts included 206 head.

Mare ponies brought $... 255 with geldings going ... $50-135 Riding horses ... $135-285 and driving ho... so'd $135 210 Killers ... 9½ to 10 cents.



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MH-30 when properly used will:
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- Let you produce tobacco at a lower cost
- Increase the efficiency of the farm
- Produce good tobacco

A fine-mist spray of MH-30 on tobacco plants at full bloom stops sucker growth before it starts, reduces damage to plants from hand suckering and saves up to 30 man-hours of tedious labor per acre.

Why be old-fashioned...order your MH-30 from your farm dealer today and use it correctly:

1. Top and treat tobacco when it's in full bloom.. or when 90% of the plants have begun to shed their first flowers
2. Use 1 pint per 1,000 plants
3. Use a fine-mist-type spray
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SEE YOU AT THE FISHING HOLE THIS SUMMER rather than in the tobacco field sweating over a back-breaking hand suckering job.

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oiler Prices Drop Back

oilers were back down than a cent a pound week as 18 lots includ- 86,560 head crossed the at 13 9 to 14.9 for a average of 14.40 The ge last week was 15 51, ighest since May 13.

e broiler average for six months of 1961 was on 1,897,401 head g the same period last the exchange so.d 1,- 55 head

e June 29 sale had four f roasters at 19.4 to or the 5,100 head. Five f 8,475 leghorn fowl ht 10 3 to 10 6, and one 200 males sold at 8 9.

sale offered 144,285 n 43 lots and sold 100,- ead in 28 lots.

owing is the complete ith lot number, seller, r in parenthesis, a- and breed, age in and days, buyer and

e WV-White Vantress, White Mountains, IR- Rivers, X-cross, P- s, C-Cockerels, LFY - rn fowl yearlings iller & Bushong, Inc., Ober) 2500WV, 8-3, N Thomas, 14.6; 2. (Arthur Leaman) 5000 8-6, Roye E Ream, Same 5000 WV, 8-3, 's Poultry, 14 5; 4. D. n & Co (Hornco Prod. 3600 WV, 9, Daniel d, 14 5; 5. M&B (Ed , 15000 IR, 9-2, Starr , 14 4, me 15000 WV, 9 2, H. ngacre, Inc., 14.3; 7. Ed Wall), 1600 WVX, C Mellinger & Son. George Neauman, 4,1 V 9 2 Starr Poultry, 14.2; 9. Robert Noll, 2680 WVX, 8-5, John N. Thomas, 14.9; 10. Same, 2680 WVX, 8-5, Carl B. Risser, 14.8;

11. M&B (Glenn R. Siegrist) 1300 WVXC, 12-5, Daniel K. Good, 19.4; 12. Same, (Robert Thompson), 8400 IR, 8-6, NO SALE, 14 3 bid; 12. Same, 14.2 bid; 14 Same 15. M&B (Daniel Ebersole) 8600, WV, 9-2, Starr Poultry, 14.4;

16. Benj G. Shank, 1775 LF, 17 mo., Carl B. Risser, 10.3; 17. Geo. W. Lillich and Sons (W. J. Zepp), 3000 WV-SR, 13-2, NO SALE, 15 0 bid; 18. Greider Leghorn Farm 2700 LF, 17 mo , V. J. Koser Co Inc , 10.6; 19. Robert M. Kling, 2000 WMt, 12-3, NO SALE, 15.9 bid; 20 Same, 17- .5 bid;

21. Same, 1500 WMt, 12 3, NO SALE, 15.5 bid, 22. Same 1000 WMt 12, NO SALE, 15- 0 bid; 23. Garden Spot Broilers (Jacob C. Herr) 1300 WVXC, 14, Carl B. Risser, 20 1; 24. Same, 1300 WCXC, 14, W. C.- Mellinger & Son, 20 6, 26. Same, 1200 WVXC, 14, W. C. Mellinger & Son, 20 0;

26. Christ S. Stoltzfus, 1000 LFY. Starr Poultry, 10 4; 27 . Christ Speicher, 2400 LFY, Starr Poultry, 10 6; 40 Same, 200 Males, Walter B. Lehman. 8 9; 28. M&B (Paul Livengood) 2000 IR, 8-3, NO SALE, 13 9 bid; 29 Jacob E Glick, 600 LF, Carl B Risser, 10 6;

30. Lester Weaver, 3550 WMt, 9, Daniel K Good 14 - 3; 31. Same., 3450, WMt., 9, Daniel K. Good, 14 3; 32. Melvin E Hess, 900 WMt.. 8, W C. Mellinger & Son, 14 3;

(Turn to page 13)

Delmarva - Georgia

Demand Fair Price Steady

Delmarva reported live offerings of poultry were in fair balance with current processing needs during the 24 hour period ending 10 30 Friday morning. Prices were re atively unchanged and ready to cook poultry demand was irregular with some discounting reported to stimulate movement.

Prices reported ranged from 13 40 to 14 30 on 73-,- 500 head with about a third of the sales at 14 o 14 30

Estimated slaughter by eastern shore processors for the weekend was 851,000 head compared to 760 000 last weekend

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New Coudersport, Penna , in Potter County, is the source of three watersheds, each flowing off in different directions Head water for the Genessee River flow north to Lake Ontario The Al'egheny flows east, then north, then south to Pittsburgh forming the Ohio which joins the Mississippi, eventually flowing into the Gulf of Mexico near New Orleans. The third watershed the Susquehanna, flows south east into Chesapeake Bay and the Atlantic ocean.

How smart is man? Over the past 40 years he has killed off 63 million other humans by wars, and maimed scores of millions more, and has spent over a thousand million bucks doing it— yet, cannot solve the farm problem, the unemployment problem, or the highway traffic problem.

TAKE CHANCES

Progress always involves risks—you can't steal second base with one foot on first.

Weekly New York Egg Mkt.

From Monday, June 26th to Friday, June 30th

	Mon.	Tues.	Wed.	Thurs	Fri.
Whites					
Ex. Fcy. Hywts	38 -	39 -	41 -	41 -	41 -
Fcy Hywts	36½-	37½-	39 -	39 -	39 -
Fcy. Med.	28 -	29 -	31 -	32 -	33 -
#1 Med	28 -	28 -29	30 -31	31 -32	33 -
Pullets	21½-	21½-	24 -	24 -	25 -
P-wees	15 -	15 -	16 -	17 -	17 -
Browns					
Ex. Fcy. Hywts	36 -37	37½-	40 -	40 -	42 -
Fcy Hywts	34½-35½	35½-36	39 -	39 -	39 -40
Fcy Med	29 -	29 -	31 -	31 -32	33 -
Pullets	22 -	22 -	23½-	24 -	25½-
P-wees	15 -	15 -	16 -	17 -	17 -
Mixed					
Fcy. Hywts	34½-35½	36 -	38 -	38 -	38 -
#1 Med	28 -	28 -	30 -	30 -	32 -
Pullets	21 -	21 -	22 -	22 -23	23 -24
Std.	32¼-33	33 -	33 -	33 -	33 -
Checks	28 -	28 -	28 -	28 -	28 -

TREND: Market fully steady to firm though trading eased off a bit from the pace of earlier in the week.

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WAY OF LIFE

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NEW **Thiodan®**
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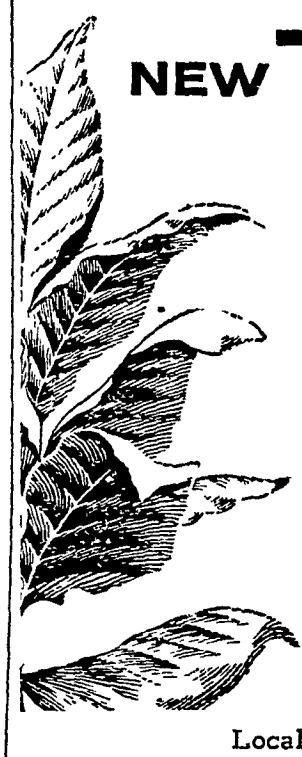

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FROM WHERE WE STAND -

"The Barn's On Fire!!"

One of the most sickening sights on earth is a cloud of smoke rising over a barn full of crops and cattle. All too many farmers will see a lifetime of investment go up in smoke this summer because high-moisture hay was put in the barn.

Spontaneous combustion in a hay mow can be a threat as long as 10 weeks after harvest, farm safety specialists estimate.

The probability of fire depends on the amount of hay and depth in the mow, how tight it is packed, outdoor temperature and humidity, and most important the amount of moisture in the hay itself, the experts say.

Ordinary hay in the presence of air will ignite at a temperature of 400 to 500 degrees. If conditions are favorable, this rise may occur in a few days in a mow of high moisture hay.

Another form of spontaneous combustion may occur over a longer period when temperature has not been very high. When hay remains away from air at a temperature of 130 degrees or above, its carbon assumes a finely divided form which readily combines with oxygen in the air at ordinary air temperatures. When carbon is in this state it will burst into flame on coming into contact with the air even at normal air temperatures. Such burning may occur weeks or months after the hay has been stored and even though no temperature over 130 degrees has been observed.

Since the chief cause of spontaneous heating of hay is the presence of excessive moisture, it is essential that no hay is put into storage until it is dry enough to keep without heating.

Baled hay should never be stored with more than 20 per cent moisture, while chopped hay should not contain more than 22 per cent and loose hay not over 25 per cent.

Some farmers will tell you that salt on the moist hay will prevent fire. Salt does help somewhat by absorbing moisture, but enough salt to prevent fire would make the hay unfit for feed.

Since the chief cause of spontaneous heating is the presence of excessive moisture in the hay, and since the presence of excessive moisture is usually caused by incomplete curing before storage, we would suggest to farmers that they not be in too great a hurry to put the hay in the barn.

If the farmer can not convince himself the hay is in condition to go in storage, he had better leave it in the field. It is better to lose one cutting than to jeopardize the entire crop, and the barn as well.

And after the hay has been stored, it is wise to make sure there are no roof leaks over the hay mow. Moisture added after storage can cause heating just as surely as moisture hauled into the barn with the hay.

After the farmer has satisfied himself the hay is cured enough and has stored it in the barn, how does he know if his crop is safe from spontaneous combustion? Odors, vapors or smoke rising from the mow are indicators that all is not well, but the best way to check the condition of hay in storage is to take its temperature.

A simple device or probe for obtaining hay mow temperatures can be made of five-eighth inch pipe. For convenience the probe can be made in three or five foot sections and joined with couplings. The bottom should be sharpened so that it can be forced easily into the hay. A slot in the side of the bottom section will allow a thermometer to come to hay temperature very quickly.

For convenience the top section may be fitted with a pipe tee and handles attached to allow easy insertion in the hay. A hole can be drilled in the tee so that a glass thermometer on a string can be lowered into the probe.

Safety engineers suggest placing boards over the surface of the hay if heating has been going on for several days since pockets of burning hay sometimes develop beneath the surface and may cave in if a man's weight is put on the surface of the hay.

Any temperature much above that of the outside air should be watched carefully for rapid rises. Usually readings up to 140 degrees are considered safe, but anything above 150 degrees is considered very dangerous. If the temperature in the mow goes above 175 degrees it is time to call the fire department and make arrangements for firemen to stand by while the hay is removed.

If the hay has heated only a few days, removal should not prove too difficult even at temperatures up to 200 degrees, but if the hay has been in storage several weeks, some of the carbon in the finely-divided state may be present and constitute a real hazard. Such hay when removed from the barn should be piled far enough away from the barn to cause no trouble if it should burst into flame.

The sight of a barn fire is one we can well do without this summer.

At least that's how it looks from where we stand

County Farm Production Worth Nearly $90 Million

Lancaster County's farm production grossed almost $90 million last year, breaking a l previous records by $1,374,300, figures released this week show

The previous high of $88,443,200 realized in 1959 was topped by the $89,817,500 figure for 1960.

Lancaster County continued to be far ahead of all other counties in the state

Milk was the leading money maker for garden spot farmers. The $24,157,000 reportedly received put this commodity in the top rank for the third consecutive year. Although the average price per hundredweight was down somewhat from the previous year, increased volume made up the difference. Lancaster County produced 492 million pounds of milk during the year.

Corn continued to be the number one crop in the state and Lancaster county led the parade in corn production with 91,000 acres being harvested for grain worth 7,763,000.

After two years of rough sledding, eggs regained the number two spot in total income production. Lancaster continued to lead all counties in the state with its $23,093,000 value for eggs produced.

Tobacco value declined from $15,412,000 in 1959 to $13,495,000 last year but Lancaster County still produced over 90 per cent of the state's tobacco

Value of commodities in the $89 817,000 are as follows Milk, $24,157,000; Eggs $23,093,000; Tobacco $13,495.000; Corn, $10,293,500; Hay, $6,112,700; Poultry $6,097,500; Wheat, $3,220 200; Potatoes, $1,645,600; Barley, $882,600; Oats, $289,400; Apples, $266,000; and Peaches, $265,000.

Lancaster Farming

Lancaster County's Own Farm Weekly

P O Box 1524
Lancaster, Penna

Offices:
53 North Duke St
Lancaster, Penna

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HARVEST GRAIN

The right time to combine small grains is when the moisture is not over 14 percent, according to Elmer Pifer, Penn State extension agronomist. All county agricultural agents have a simple moisture test to use as an aid to determine the proper time to combine small grains.

A registered Guernsey cow Penn Del Actors Forsty Maid, owned by R. F. and L. A Witmer, Willow Street, Pa, has completed an official DHIR production record of 14,050 lbs. of milk and 675 pounds of fat on two times daily for 305 days as a five year-old.

Mother of Jesus

Lesson for July 2, 1961

PICTURES of Jesus' Mother Mary are nearly always of two sorts. One shows her as Queen of Heaven, standing on a cloud perhaps. The other shows her holding the baby Jesus. Now the Bible says nothing at all about her being Queen of Heaven, and it never suggests that we should pray to her. So Protestants do not paint pictures of Mary on a cloud. All they see is the young mother with the baby. This is surely under-rating her. In anxiety not to make an idol of Mary, many rush to the opposite extreme of neglecting her memory and failing to appreciate all she was and did.

Dr. Foreman

Mary The Girl

True motherhood is more than bringing a child into the world and holding it up to be photographed or painted. Motherhood is a lifetime thing. It begins, actually, years before the child is born. Only the right kind of person can be the right kind of mother. Young women in Palestine were betrothed (engaged) at what we would think a very early age. Mary may not have been much over sixteen when Jesus was born. We can see from the story that she was poor. We know that she lived in a village which had never been known for anything good. Yet God chose this particular girl to be the mother of the world's Savior. Already as a girl God looked on her with favor, as the angel said. Already as a girl she was familiar with the Scriptures, as her song testifies. Already as a girl she must have been notably good. Would any ordinary man in Joseph's strange circumstances, have believed the angel of his dream? It was because Mary was the kind of girl she was, that Joseph could continue to believe in her "S... are not always old people, ... may be very young Mary ... served the title "Blessed ... women" while she was ... girl. A good mother does ... start being good only when ... first child is born.

The Woman

Think rapidly over some ... we know about Mary the ... who grew as her son grew ... wisdom and stature and in ... with God and man" We are ... that Jesus the boy was "sub... to his parents In simple En... Jesus obeyed his mother, as ... as Joseph She was a woman ... knew her mind, a mother ... knew how to command ... obedience on a child's part ... and on the part of an adole... for Jesus was on the edge ... teens when Luke tells us h... "subject to" or "obedient ... Joseph and Mary We ha... reason to fancy that when ... left home to take up his own ... life of obedience to God, th... had to unlearn what he ... learned at home Think of ... character and attitudes and ... (so far as we can know ... Jesus the grown Teacher ... Healer. What kind of home ... ing lay behind this? Unless ... are prepared to say that ... surroundings, his family, his ... had no effect on him, w... bound to suppose that in ... life and character we ha... reflection of the influence ... mother in whose home he ... for thirty years.

The Worshipper

The last picture we ha... Mary in the New Testam... one of an upper room in J... lem, where she was one of a ... prayer-group. The one quo... we most often hear of Mary ... prayer, the "Magnificat," ... in many churches every Su... What people are remembered ... is a key to what they are ... many people in this world ... remembered, long afterwar... their prayers? Mary was a ... person. Some people can ... beautiful prayers but are ... much account when a job is ... done. Others are very pra... but are merely stammerers ... they talk to God. Mary the ... must have been a person ... prayers were the flower of ... of wonderful service Prayer ... serving, her life was wove... the garment she made for ... "seamless throughout"

Now Is The Time . . .

MAX

BY MAX SMITH

TO CULTIVATE AT A DISTANCE ... yield from many stalks of corn is re... when the roots are sheared off by ... cultivation. All operators should be ... structed to stay away from the plan... order to prevent damage to the ... This is very important and many ... are damaged each year As the corn ... gest larger, the cultivator should be ... farther away.

TO OPERATE COMBINE SLOWLY ... Small grain harvest is approaching ... many bushels of barley and wheat will be combined ... also, many bushels of grain will be left in the field ... unless the combine operator has his machine proper... justed and **drives slow enough.** This summer the s... of barley and wheat is very rank and there will be ... of bulk to go through the combine; in recent years ... amounts of volunteer growth of grain in the tall is ... that much of the crop is not in the bin Farm owners ... insist that the combine operators drive slow enough ... the grain out of the chaff.

TO GRAZE SUDAN GRASS—Livestock producers who ... planted sudan grass for summer pasture are ca... against grazing the new growth until it is at least 18 ... inches tall, this is usually about 6 weeks after planti... animals consume the new growth when it is much les... this stage of development, there may be some danger ... prussic acid poisoning. Also, during the remainder ... summer if there is extreme dry weather (drought) an... sudan grass stops growing, and then we get rain and ... is rapid new growth, the animals should be kept out ... area until the new growth gets to the above height

TO ALLOW ALFALFA TO BLOSSOM—Leading ... authorities urge all producers to permit one of the c... of alfalfa to come into full bloom. Since the first c... so rank and heavy, most growers prefer to let one o... later cuttings blossom. This practice helps to stre... the root system of the alfalfa plant and prolong its p... tive life period.

TO USE CAUTION IN CORN SPRAYING—The use ... D on corn over 18 inches tall without the use of dr... zles could be inviting serious damage After tall c... sprayed, it becomes quite stiff and brittle for a few ... if there should be strong winds during this time m... the stalks may break off at the ground level Sprayi... tors are urged to spray the corn when 6 to 12 inches ... possible, and to use drop nozzles on the taller stand...

ESHEN CORDUROY

steam out wrinkles and
en corduroy garments,
the automatic dryer,
sts Thelma Baierl,
State expension clocthing specialist. Put the clean garments into the dryer, add one or two damp turkish towels Set the dial on fabric or heat selector for the type of garments and let tumble 10 to 15 minutes. Remove garments and fingerpress the seams, then put on hangers.

Choose foods that are plentiful These foods, because they are abundant, usually are good buys.

SOAP AUTOMATIC WASHER

The soap or synthetic detergent you use in your automatic washer depends on the kind of washer you have and whether you have hard water say Penn State extension home management specialists. Usually a general purpose detergent is recommended for all automatics. Low-sudsing detergents are especially for use in automatics since in some washers high suds may interfere with mechanical action.

On the average, it takes about an hour and a half to produce 100 pounds of milk. Yet, there are some herds producing 100 pounds of milk with half as much labor.

Milk production per cow averaged 7,004 pounds in 1960 as compared with 4,033 pounds in 1934 and 5,007 pounds in 1947.

Feed Grain Acreage Checks To Begin In County Immediately

Farmers who are taking part in the 1961 feed grain program should be ready soon to have their acreage checked, according to Landis G. Becker, Chairman of the Lancaster County Agricultural Stabilization and Conservation Committee.

Mr Becker expects the measurement of feed grain acreage in the county to get under way immediately with employees of the county committee visiting farms that are participating in the feed grain program. During the visits the acreage of corn and grain sorghum will also be measured

The acreage of land designated as having been diverted from the production of corn and grain sorguhm will also be measured The designated diverted acreage will be measured and the current use of the land will be recorded Diverted acreage is to be used for approved conservation under the program.

Eight weeks is the time estimated by Mr. Becker to be required to visit and check all the farms in the county that are taking part in the feed grain program.

Two thirds of the protein in American diets comes from animal products Red meat and dairy products represent only two per cent of the Japanese diet and four per cent of the Indian diet.

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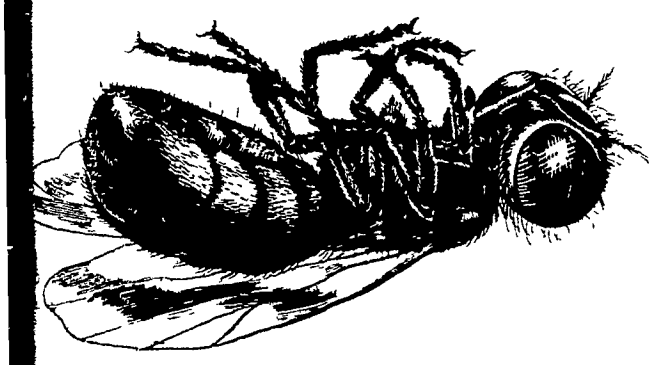
STONE DEAD IN SECONDS!



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gives rapid kill without harmful residues
Here's why new ORTHO Fly Killer D (DIBROM) is today's most effective fly killer, in and around dairy barns and poultry houses. **ORTHO Fly Killer kills for sure**—in seconds! Not just quick knockdown, but permanent kill. Features DIBROM*—a remarkable, fast-acting insecticide discovery that has been fully tested, with outstanding results. **Registered for use around cattle**—you can spray in dairy barns without removing cows. Can be used inside poultry houses—can be sprayed inside poultry houses when birds are out **Simple to mix**—ORTHO Fly Killer D is concentrated. Mix as and when needed . full strength. available every time Equally effective as bait—ORTHO Fly Killer D can also be used as a wet or dry bait. Available at dealers everywhere.

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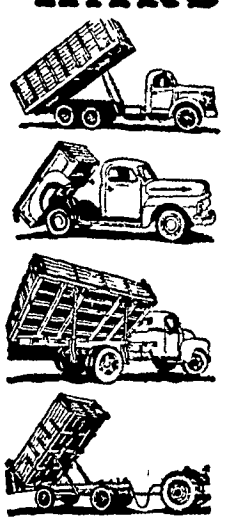
HARSH HYDRAULIC HOISTS



The 32 available models come to you with a wide range of lifting capacities ranging from 3½ to 20 tons for your truck, pickup, or trailer. The smooth, trouble-free action of a HARSH HOIST has a fast lifting time of from 12 to 160 seconds, which allows more time for actual hauling.

These hoists come to you at an average cost of only 16¢ a day as compared to the $10-$15 a day you now spend to manually unload your truck.

Hydraulics Unlimited Mfg. Co.

To design and build a light weight, low-costing truck hoist suitable for all types of farm use, priced within the average farmer's budget was the aim of "Bud" Harsh when HYDRAULICS UNLIMITED MFG. CO. began operations. This hoist was built and is now in use throughout the nation.

The HARSH HYDRAULIC HOIST averages only $328 52 (including Federal excise tax) and maintains a low taxable weight which averages 273 lbs. These economical hoists are built for either back or side dumping, depending upon your need

Save costly time and eliminate back-breaking labor by unloading with a HARSH HYDRAULIC HOIST engineered for economical, speedy, and durable farm use.

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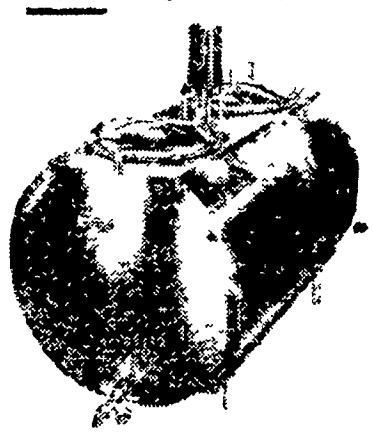

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LANC. COUNTY FARM & HOME SERVICES SUPPLIES FARM BUREAU

Mount Joy 4-H Club Meets

The Mount Joy 4-H sewing club met at Way's Appliance store on June 20th.

The business meeting was called to order by president Lilli Ann Wivell. New game leaders were elected. They are Sue Eshelman and Lucy Breneman. The members pinned on their patterns and started to cut them out.

The next meeting will be held on July 6th at Way's.

GROW SUMMER PASTURE

Sudangrass is our most productive summer annual pasture crop. John Baylor, Penn State extens on agronomist, says it can be planted between late May and late June One acre will supply excellent grazing for three or four mature animals during July and August Piper is a recommended variety.

NEED RICH SOIL

If you're planning to plant vine crops such as cucumbers squash, pumpk ns and muskmelons, you'll find they do best on a rich loam soil containing plenty of organic matter, explains James Dutt, vegetable extension specialist The vine crops also need plenty of fertilizer and control of insects. If irrigation is needed, do it in daytime.

ENROLL NOW

Farmers interested in part cipating in the 1961 Pennsylvania Grassland Club must enroll before July 1, announces John Baylor, Penn State extension agronomist. The club gives recognition and encouragement to those who are improving Pennsylvania agriculture through a balanced grassland farming program.

If your religion suits you, you should have no reason to criticize the other fellow's.

4-H Club Holds Regular Meet

The June meeting of the Elizabethtown - Donegal 4-H Club was held at the home of Willis Hackman. Baseball was played.

Since June is National Dairy Month, this meet ng was the annual ice cream party.

Roll call was a report on projects.

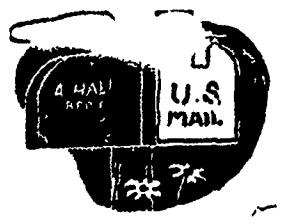
The next meeting will be held at the home of Janet Frey on July 11 at 8 p m.—Baseball at 7 p.m. vs. the Lincolnway Club at the Don egal high school.

Trout Spring Lu Segis Elaine, a registered Holstein cow owned by John E. Kreider, Lancaster, produced 19,951 lbs. milk and 636 pounds butterfat in 358 days on twice daily milking as a 6-year-old.

About 75 percent of all basic raw mater als are of agricultural or.gin

Don't buy produce merely because the price is low. Unless the low price is caused by oversupply, you may be getting "bargain" quality as well.

In cut watermelons loo the color of the flesh should be a good red c firm and succulent S should be dark brow black.



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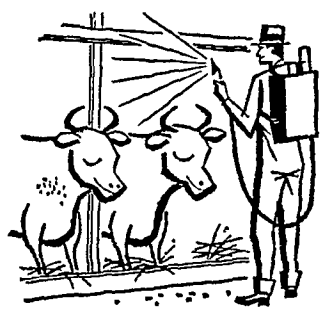

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- Ortho Dairy & Stock Fly Spray
  Wet hairs on dairy animals
- Korlan 12 E
  * Use with fuel oil 10:1 on back rubbers
- Korlan 25 W. P.
  * Use with water 4 lb. in 25 gal as a direct spray
- Marlate 50
  Use as a dry rub on dairy animals
  * Not on dairy animals

...IN BUILDINGS

- Korlan 12 E
  -1:12 for 3-4 week residual
- Diazinon 25 E
  1:35 for 3-4 week residual
- Dipterex Bayer L-13/59
  As bait dry or wet
- Ortho Fly Killer Dry Bait
  Just scatter thinly on floor
- Lethalaire Bomb D-200 or V21
  Use daily in milkhouses, barns a your home
- Magic Circle Industrial Aeroso Bomb
  Use in milkhouses, barns and you home
  2½ lb. non-refillable aerosol
- Fly Cakes
  Last all season - Use 1 fly cake fo each 100 sq ft.
- Ortho Fly Killer D - Contains DIBROM®
  Use as a space spray, as a bait a for increased residual fly control

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Peach Crop Yield Lowest Since '50

Pennsylvania's peach crop estimated to be the small- st since 1950, the state crop eporting service said recent- in a special report on rop yields.

The extreme cold over ng periods last winter kill- some fruit trees and froze me fruit buds deep in the ood The reduced yield is xpected to total only about 2 million bushels

Especially hard hit were each orchards in the Berks- ehigh producing area. Fol- wing a good bloom, cold d wet weather restricted e activity and reduced pol- nation of the blossoms.

Wheat yields on the other nd, appear to be headed for record-breaking proportions. If the expected yield of 31 buhhels per acre is realized, it will top the record set in 1958 and equaled last year. Reduced acreage, however, will hold total state production to 92 per cent of the 10-year state average.

Apple trees around the state came through the winter in good shape generally, and had a good, though late, bloom. Bloom stretched out longer than usual and some varieties which normally act as pollinators for self sterile varieties were not ready at the proper time. Local weather conditions caused some poor pollination and the set varies from very light to heavy.

More than $4.5 b llion in farm products were exported in fiscal year 1960.

Canada Thistle Weed Control Slow and Costly

Canada thistles began to come into bloom in Lancaster County about June 20. To prevent their forming seeds which blow around the community and help to spread this noxious weed, all thistles should be mowed promptly, agriculture extension agents recommend.

Mowing will not kill the Canada thistle, as it is a perennial plant with a very extensive root system. A regrowth from this extensive root system will occur soon, and this new growth will also produce flowers and eventually seed. Several mowings during the summer at about monthly intervals will prevent seed formation but will not eliminate the weed.

At this time, the best permanent control measure is to mow the thistles, and spray the regrowth when it is about one foot tall with a recommended herbicide The Extension Service recomends 4 pounds of Amino triazole (50% wettable powder) in 50 gallons of spray per acre or 1½ cupfuls to 2½ gallons of spray.

Another effective herbicide would be Amitrol-T used at the rate of 1 gallon in 50 gallons of spray per acre or ¾ cupful to 2½ gallons of spray. For best results, apply the spray when the foilage is dry, and on a sunny warm day.

Do not mow the thistles for at least two weeks after spraying. Keep the spray off desirable ornamental plants pasture areas and vegetables. Both of the above spray materials are toxic to grasses, although the grass will eventually recover.

The common 2,4-D control material is not as effective on Canada thistles as either Amino triazole or Amitrol-T.

Farm System Firm Is Organized

A new organization to plan, design, sell, equip and build complete farm systems has been formed to assist farmers in this area With headquarters at 422 Franklin Street, Carlisle, the new firm will be called Farm Systems Inc.

Officers are: Joe Winton, president; Hal Brannaka, v-pres; Frank L Palmer, treas.; Lee E. Berry, construction superintendent; Sam Carr, and Ike Rissler, field representatives.

Mr. Winton graduated in 1949 from Pennsylvania State University, Agricultural Engineering. He has served six years as state representative, New Way Farm Sales, and four years as farm sales engineer, Libbey-Owens-Ford.

Mr. Brannaka, a 1952 graduate of Pennsylvania State University, Agricultural Engineering, spent seven years as Western Pennsylvania representative, New Way Farm Sales. Before that, he was an extension agricultural engineer at Hunkers, Pa.

Mr. Berry attended Stevens Institute, Lancaster. Prior to joining Farm Systems, Inc. he was job superintendent, Ritter Bros, Carlisle. He has also been with H. B. Alexander, Harrisburg; Consolidated Engineering, Baltimore; and Brown, Davis and White, Grantville, Pa.

Mr. Palmer, a professional management consultant, is on the boards of directors of Federal Equipment Co, Carlisle, and Hill Electronics Inc., Mechanicsburg, Pa.

Both Mr. Carr, Pennsylvania State University, Agricultural Economics, 1962, and Mr Rissler, have had several years of practical experience working with farmers on equipment and systems Mr Rissler has also been a successful farmer and beef raiser

---

HOWDY says

PUT OUT!
PICK UP!
PROTECT!
THANK YOU

HAVE GOOD OUTDOOR MANNERS

WHEN YOU ARE READY TO HOUSE YOUR PULLETS!

Pullets moved from range to the laying house find themselves in an entirely new environment, "Strange Quarters", as far as they are concerned.

1. Supply extra fountains around the floor and on the roosts, also feeders.

Some of the birds which looked so nice when you brought them in will have difficulty finding feed and water at first and get uneven and lose some weight unless feed and water consumption is kept at a high level by extra waterers and feeders.

2. Feed #33 EARLY BIRD POULTRY FITTING RATION in hoppers first 2 weeks instead of scratch.

When birds are brought in off range lack of exercise may cause some constipation. Fitting ration helps keep comb color and vigor.

3. When changing to scratch don't have your litter too deep in the house at first.

Scratch in deep litter when pullets are housed is apt to cause a decrease in feed consumption the first few days. Put some scratch in the feeders as well as on the floor at the start.

When chickens are used to their quarters after the first few weeks build up litter gradually to desired depth.

4. If your chickens start to lay on range DO NOT FORGET Oystershells or Calcite Grit.

Without these the birds will draw on her calcium reserve in the bone structure to make the shells. This will eventually result in some weak and poor birds and poor shell quality.

5. Early Bird All Mash Ration or Early Bird Egg Mash and Grain will help you to efficient LOW COST production of quality eggs with just the right yolk color.

If we can be of help to you in any poultry problem, please call your Miller & Bushong representative or dial EXpress 2-2145 direct.

NOTE . . .

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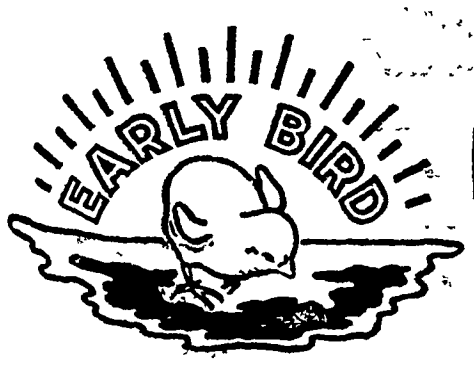

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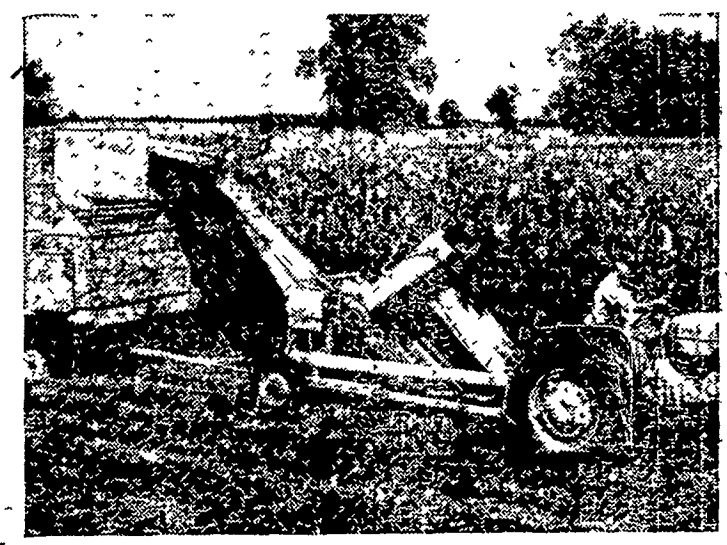

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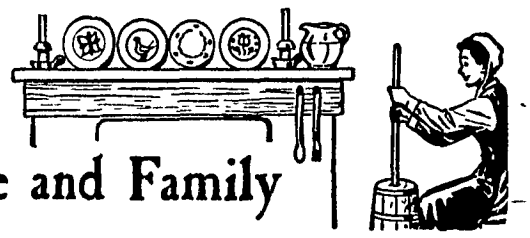

For the Farm Wife and Family

Cooking With Casseroles

By Mrs. Richard C. Spence

A casserole is certainly not a new cooking idea, but an intriguing casserole recipe is always news worthy.

The very word "casserole" brings visions of homespun and hearty meat and vegetable pies, delicately light and airy souffles, zesty spiced pasta dishes—we could go on and on—even though the dictionary states rather simply that a casserole is the dish in which food may be baked and served, as well as the foods cooked therein.

Every homemaker knows how truly versatile casseroles are: to serve for a ladies' luncheon, a Saturday night bridge party, after the high school hop, as well as the noon or evening meal.

In blustery weather, they make a welcome dish to come home to. If the family's late for dinner—except in the case of the fragile souffle—that little bit of extra cooking is rarely harmful. Leftovers if there are any often taste better that second heating when the flavors have had a little more time to mellow and blend.

The souffle, made mostly of milk and eggs, is an art in itself. But a couple of hints will make this an easy casserole for you to serve often with pride and confidence. The egg yolks and whites are separated and beaten separately. The whites are beaten until stiff peaks are formed, then very gently folded into the basic white sauce and egg yolk mixture.

Cottage Spoon Bread is a soft corn bread of the South, but it is very much like a souffle, and if not handled with care, can be just as tempermental. Like a souffle it too should be placed in the oven as soon as the ingredients are blended, and served just as soon as it is removed from the oven. Beating the egg whites with a firm but gentle hand incorporates air into the mixture; and during baking, a well-made spoon bread, like a souffle, will rise several times beyond its original size. If made to wait on the table, it will collapse and shrink with each passing minute.

Have plenty of melted butter to serve with this delicious treat. A Canadian bacon log baked and basted with a melted cranberry sauce glaze is a nice accompaniment to this casserole as are canned apricot halves filled with a spoonful of currant jelly and popped under the broiler for a very few minutes. Mugs of piping hot cocoa go with this meal whether you serve it for a brunch or supper.

COTTAGE SPOON BREAD

2 cups milk
1 cup corn meal, white or yellow
1 teaspoon salt
¼ cup (½ stick) butter
4 egg yolks, beaten
4 egg whites
1½ cups (6 ounces) shredded Cheddar cheese

In double boiler heat milk. When steaming hot, slowly add corn meal, stirring constantly, until mixture is thick and smooth. Remove from over the hot water. Add salt, butter, cheese and egg yolks; quickly mix well. Beat egg whites until they will hold a peak. Carefully fold into corn meal mixture. Pour mixture into buttered 2-qt. casserole; bake 35 40 minutes in a 375 degree oven. Serve immediately.

* * *

Pinwheel Ham Pie makes another savory supper casserole. It's a wonderful recipe for using leftover ham. With this you might like to serve salad greens tossed with your favorite dressing, French bread split and stuffed with butter before oven heating. beverage and for dessert, ice cream with a hot fudge sauce.

PINWHEEL HAM PIE

¼ cup (½ stick) butter
¼ cup green pepper
3 tablespoons chopped onion
½ cup chopped celery
3 tablespoons flour
½ teaspoon dry mustard
1 10½-oz can cream of chicken soup
1 cup evaporated milk
1 teaspoon Worcestershire sauce
2 cups diced cooked ham
1 tablespoon lemon juice
2 cups prepared biscuit mix
⅓ cup evaporated milk
⅓ cup water
2 cups (½-lb) shredded sharp Cheddar cheese
¼ cup pickle relish

In saucepan melt butter. Saute green pepper, onion & celery. Add flour, mustard & mix well. Add chicken soup and the 1 cup evaporated milk, then Worcestersh re sauce. Cook, stirring constantly, until smooth and thick. Remove from heat; add ham and lemon juice. Pour into casserole. Combine biscuit mix, ⅓ cup evaporated milk and water. Mix Roll out on lightly floured board or cloth into a rectangle about 8x12 inches. Combine cheese and relish and spread over biscuit dough. Roll up like a jelly roll. Slice into rounds about 1½ in thick. Place on top of ham mixture in casserole. Bake 15 20 minutes in a 450 degree oven or until pinwheel biscuits are browned. Makes 6 servings.

* * *

Easy on the cook is the Beef and Parmesan Bake—a casserole that's appetite appealing yet easy on the budget and easy to make.

BEEF & PARMESAN BAKE

1½ cups uncooked spaghetti broken into 2-in pieces
2 tablespoons butter
1 small onion, chopped
1 pound ground beef
¼ cup (½ stick) butter
3 tablespoons flour
1 teaspoon salt
¼ teaspoon garlic salt
⅛ teaspoon pepper
2 cups milk

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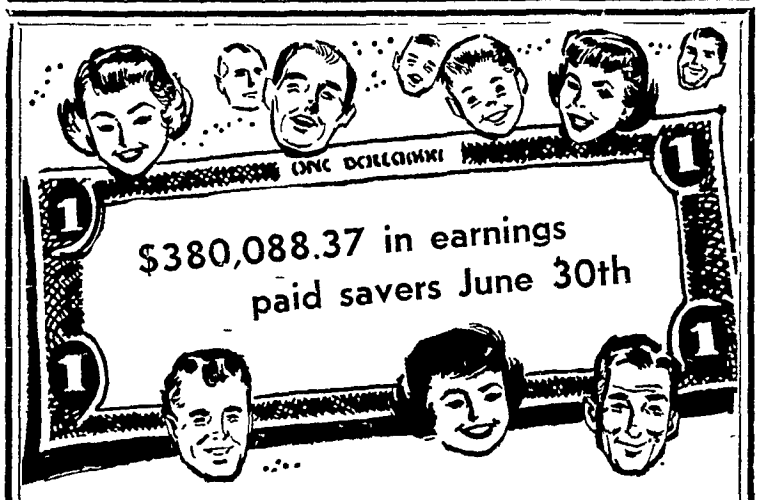

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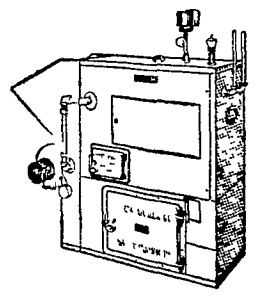

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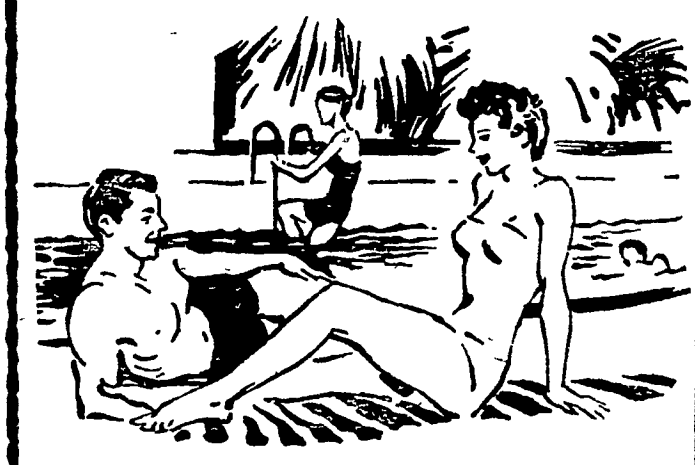

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1 teaspoon Worcestershire sauce
¼ cup grated Parmesan cheese
2 medium tomatoes, sliced

Cook spaghetti in boiling alted water until tender 8 0 minutes; drain. In a skil- et brown chopped onion and round beef in the 2 table- oons butter. In a saucepan, elt ¼ cup butter. Add flour nd seasonings; mix well. lowly add milk and Worces- rshire sauce, mixing well. ook, stirring constantly, un- l sauce is thickened and nooth Remove from heat, add cooked spaghetti and ½ cup Parmesan cheese. Place half of spaghetti mixture in bottom of buttered square 2-quart baking dish, top with half of meat mixture and half of sliced tomatoes. Re- peat layers and sprinkle top w.th remain.ng ¼ cup Par- mesan cheese. Bake 20-25 minutes in a 350 degree oven Six servings.

CHICKEN APPLE CASSEROLE

½ cup chopped onion
½ cup chopped celery
2 tablespoons butter or margarine, melted
2 cups sweetened pie-sliced apples
1¼ cups chicken gravy
1 cup boned cooked chicken
2 tablespoons pimiento strips
¼ teaspoon salt
⅛ teaspoon thyme
⅛ teaspoon nutmeg
8 ounces elbow macaroni
1 tablespoon butter, melted
¼ cup dry bread crumbs
2 tablespoons grated Parmesan cheese

Cook onion and celery in melted butter or margarine until tender. Add apples, chicken gravy, chicken pimiento, salt, thyme and nutmeg M x well and heat thoroughly Meanwhile, cook elbow macaroni in boiling salted water until tender, about 7 minutes. Drain Pour half of macaroni into lightly-greased 2-quart casse ole. Cover with half of the chicken mixture. Pour remain ng macaroni into casserole, top with remaining chicken mixture Combine melted butter, bread crumbs, and Parmesnn cheese. Sprinkle on top of casserole Bake in moderate oven (350 degrees) for 30 minutes or until mixture is browned and bubbly Serve mmediately. Makes 4 to 6 servings.

* * *

This Tuna Supper Salad is not necessarily a hot dish but it is a meal in itself and can be prepared ahead of time as can all of these casseroles

TUNA SUPPER SALAD

8 ounces elbow macaroni
2 cups drained flaked tuna (two 7-oz. cans)
1 cup sliced peaches (1-pound can)
½ cup chopped nuts
¼ cup chopped sweet pickle
1 cup dairy sour cream
½ teaspoon salt
¼ teaspoon crushed dried mint leaves
⅛ teaspoon thyme

Cook macaroni in boiling salted water until tender, about 7 minutes. Drain and rinse with cold water. Turn into bowl. Add tuna, peaches, nuts and pickle Comb.ne sour cream, salt, mint leaves and thyme Pour sour cream over tuna mixture and toss very lightly. Chill and serve. Makes 4 to 6 servings.

* * *

The Barbecued Meat Balls can be prepared ahead of time for the following recipe, then heated at serving time to be served over tender macaroni, noodles or spaghetti These meat balls are also good for freezing.

BARBECUED MEAT BALLS

1 pound ground beef
1 teaspoon salt
¼ teaspoon pepper
1 10½-oz can condensed tomato soup
¼ cup sweet pickle relish
2 tablespoons minced onion
2 tablespoons vinegar
2 tablespoons catsup
1 tablespoon brown sugar
1 teaspoon salt
8 ozs. medium noodles

M x ground-beef thoroughly w.th 1 teaspoon salt and pepper. Form into 1-inch meat balls. Brown in a hot skillet. Combine sour, pickle relish, minced onion, vinegar, catsup, brown sugar and remaining salt. Add to browned meat balls, bring to boiling, reduce heat and simmer, uncovered, for 25 minutes. Cook noodles in boiling salted water until tender, 5 to 7 minutes. Drain and arrange on heated platter Pour Barbecued Meat Balls over noodles Makes 4 to 6 servings.

* * *

Quick Cherry Pudding is another simple dessert. Canned cherry pie filling forms the center layer, so there's no pre cooking needed. Put it in the oven as the family sits down for dinner. It will be ready to eat when the dessert time comes.

QUICK CHERRY DESSERT

2 cups cherry pie filling (one 1-pound, 6-ounce can)
1 teaspoon grated lemon rind
1½ cups sifted enriched flour
½ cup sugar
½ teaspoon salt
½ cup butter or margarine
Whipped cream, if desired
Chopped nuts, if desired

Mix together cherry pie filling and lemon rind and set aside Sift together flour, sugar and salt. Cut or rub in butter or margarine until mixture is crumbly. Spread half of flour mixture over bottom of 8-inch square pan Press down firmly. Spread cherry mixture on top. Sprinkle with remaining flour mixture Bake in moderate oven (375 degrees) 45 to 50 minutes Serve warm. Top with whipped cream and nuts, if desired. Makes 9 servings

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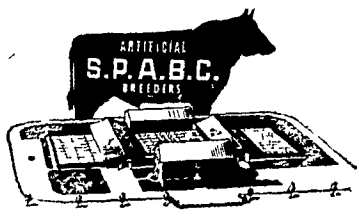

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Best Food Buys

Holiday Influence To Be Felt

The long July Fourth week end will be the occasion for many outdoor meals and picnics. Retail food markets will cater to the demand for appropriate food items by featuring many such items at bargain prices observes Tom Piper, Penn State Extension Marketing Agent.

Table-ready meats will be among the leading candidates for weekend features. These will include frankfurters and luncheon meats as well as the popular cooked hams. Ground beef, steak, broiler-fryers and turkeys are other plentiful supplied meat items. This wide variety will offer many economical possibilities for tasty outdoor meals.

Fresh fruit and vegetables supplies are increasing from nearby growing areas, causing the usual reduction in prices for many items. Best buys in vegetables this wk. include green beans, cabbage, new crop potatoes, squash, radishes, carrots and various leafy greens.

In contrast, to this list of good food buys, tomatoes continue high in price for this season of the year. Supplies from distant areas are very light and the harvest season in Virginia and New Jersey has been delayed. Corn shares this high cost position as a firm demand exists for the available supply.

Strawberries are almost a thing of the past for this season; first shipments of blueberries and raspberries are arriving to take their place

Watermelon supplies appear adequate and prices are reasonable for this season of the year. More cantaloupes are arriving from Arizona and California and prices are dropping to lower levels.

Bing cherries, Thompson seedless grapes and southern peaches are available at the fruit counter. Unseasonably high temperatures have damaged the fruit crop in California to an extent as yet undetermined. Small size California Valencia oranges and Florida grapefruit are the best buys in citrus

The season for apricots is winding up fast.

Plentiful supplies of all dairy products continue to hold these items on the list of good food buys. The popularity of these foods is recognized in a recent report from the United States Department of Agriculture According to that report, the average person consumed 1,488 pounds of food in 1960 and dairy products made up 414 pounds of that total. Eggs remain on the list of good buys in food, although slight wholesale price advances were noted last week.

Grocery bargains exist in fruit juices, shortening, salad oils, and tomato products

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A large New York newspaper uses the growth of 6,000 acres of commercial forest for its Sunday issue.

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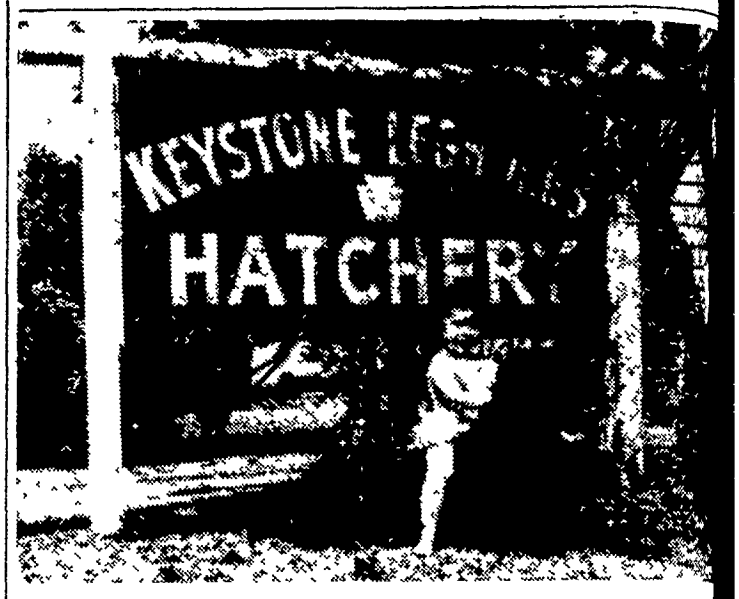

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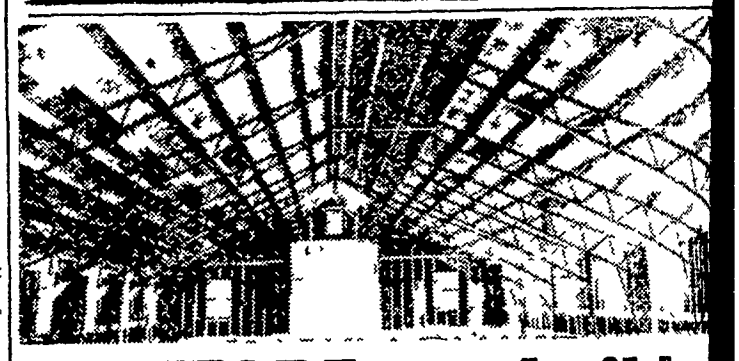

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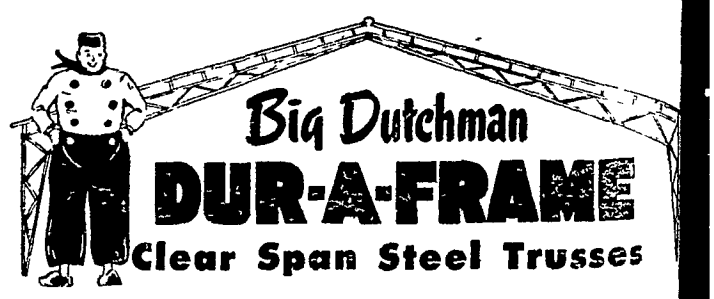

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Co-op Mills To Take Over Manheim Plant

Top management of the Pennsylvania Farm Bureau Cooperative's feed mill at Manheim will be assumed by Co-op Mills, Inc. today

Ownership of the mill and facilities at Manheim will remain in Farm Bureau, General Manager George Connor said.

He explained that Farm Bureau has been a part of the Co-op Mills system for 20 years.

Prior to this time all feed requirements for farmer patrons in Western Penn ylvania have been supplied by the Co-op Mills plant near Cincinnati, while the Manheim plant serves farmers in eastern Pennsylvania, Conner said.

Except for the change in top management personnel, the work force at the Manheim plant will remain the same, it was announced Co-op mills has management contracts with regional co-operative-owned plants in Delaware, Virginia, North Carolina and Georgia in addition to the ones in Pennsylvania and Ohio.

Committeemen Named To ASC

The Pennsylvania State ASC Committee today announced the appointment of Harry A. Peters of Scotland to the position of State Administrative Officer with headquarters in Harrisburg, Pennsylvania.

In this position, Mr. Peters will have overall responsibility in behalf of the State ASC Committee in the supervision of the State and County ASC Offices

Mr. Peters has been farming since 1948 and owns and operates a farm which produces apples, peaches, cherries, corn, and alfalfa hay, with some acreage in pasture He is a past-president of the Pennsylvania Horticultural Association and a member of the Pennsylvania Horticultural Council. He was also a former chairman of the board of the Franklin County Soil Conservation District.

John Kimble, Nottingham, has been appointed farmer-fieldman for the Pennsylvania Agricultural Stabilization and Conservation Committee.

Kimble will serve southeastern Pennsylvania including Lancaster County.

Traffic crashes are the leading cause of accidental death among rural youths under 25 years of age.

New Power Plant Opened

Pennsylvan a Power and Light Company's new Brunner Island Steam Electric Station was placed in regular interconnected operation in the Company's system and 150 000 kilowatts of its 300,000 kilowatt rated capacity on Thursday, June 22.

Brunner Island power plant went into trial operation on May 19 and has since been tak ng a shakedown cruise lead ng up to the new unit being considered as a regular part of the Company's power producing system

During this shakedown, the equipment was tested and retested and the unit was operated at partial loads in order that the impurities in the bo ler water could be eliminated. Within this shakedown period while the water was being purified, the equipment has been operated at lower than its des gn pressure of 2 400 pounds per square inch On May 19 when trial operations started, the pressure was about 500 lbs; t has now been increased to 1 800 pounds Full pressure and the full rated capacity of 300,000 kilowatts are expected to be attained in the near future. This will bring the utility's total generat ng capabilities to more than 1,700,000 kilowatts

Brunner Island power plant occupies a 766-acre tract along the Susquehanna r ver adjacent to the village of York Haven The plant represents an investment by the utility of about $48 million, part of PP&L's gigant.c war expansion program which totals $686 million for the 20-year period ending in 1965.

Urge Drivers - - Careful on 4th

A safe and sane Fourth of July hol day was called for yesterday by Keystone Automobile Club in an urgent appeal to motorists everywhere to "play it safe", particularly on the highways.

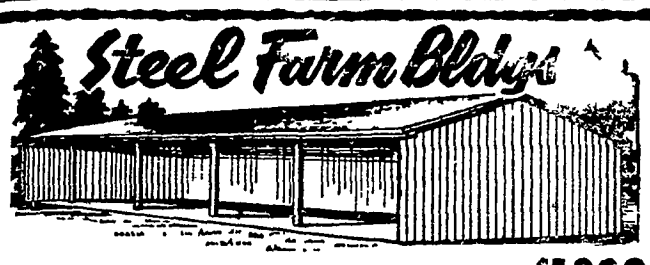
Many millions of Americans will be planning four days of fun and frol.c on automobile trips, picn cs and other outings So, once again, as on every holiday, roads will be clogged to the saturation point.

"The great danger facing the motoring public is obvious and real," declared Edward P. Curran, Safety Director of the Club. "It is greater than ever this year because of the greatly increased number of cars on the roads and because the highways no longer can safely accomodate the tremendous flow of motor vehicles pleasurebound on holidays.

"Carelessness, recklessness and disregard of the rights of others can make the long Fourth of July a black mark on the calendar The spectre of injury and death will be lessened only if the individual driver accepts h.s obvious responsibility for the safety of himself and others, curbs impatience and practices courtesy, drives a mechanically perfect car, and observes to the letter every rule of the road for sensible and safe driving.

"Forbidd ng the sale and use of dangerous fireworks in Fourth of July celebrations was a great forward step in safety A far greater forward step toward a really safe and sane holiday would be a concerted nationwide effort by every motorist to do his part in avoiding and preventing h ghway accidents. Play ng it safe then indeed would be playing it smart."

Farming is our Nation's biggest industry It employs 7 1 million workers



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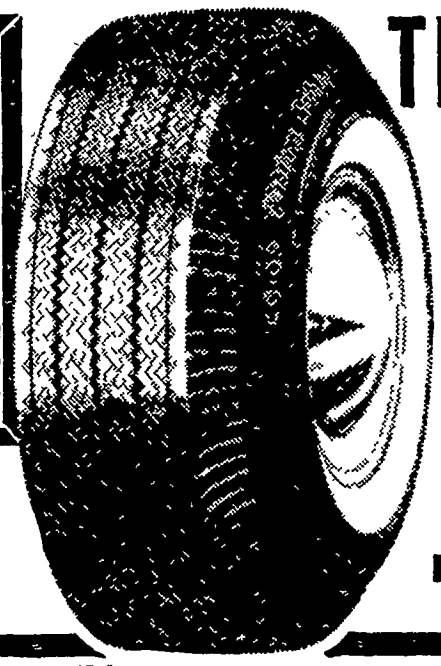

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Alertness On Farm Machines May Save Lives, Expert Says

Alertness in avoiding accidents during the forthcoming harvest season was urged by Carson Mertz, Farm Safety Chief in the State Department of Public Instruction, Harrisburg, Pa.

Mertz told how a boy was knocked unconscious in an empty forage wagon last year, when struck by a stone. The body was found an hour later when the wagon was unloaded. Alertness might have saved the boy, Mertz said, if he had not been smothered under a load of forage.

"Harvesting is a season when too many farmers get in so big a hurry, they fail to take necessary precaution" Mertz said, "so save yourself and your pocketbook by following these safety rules'.

1. Always be alert; never take a chance.

2. Keep all shields and safety guards in place.

3. Always stop all machinery before oiling, adjusting or unclogging it.

4. Do not wear loose or ragged clothing around machines

5. Always operate your tractor at a safe speed, and be extra careful with tractors and other machines on highways.

6. Keep small children far away from harvesting machinery.

7. Do not jump off equipment while it is moving.

8 Obey highway rules and signs and use proper headlights and tail lights at night Whenever possible, keep off the highways at night with farm machinery.

To prevent tipping, the National Safety Council recommends the following tractor speeds:

For off-the-road operation, four and a half miles per hour (third gear on many models) is top speed.

On smooth roads, up to eight miles per hour when wheels are full width.

MULCH GARDENS

If a good job of mulching is done gardeners can go on a vacation and forget the weeds, says Jas. Dutt, Penn State extension vegetable specialist. Hay and straw mulches should be 3 to 4 inches deep, while 2 inches is deep enough for ground corncobs, sawdust, and shavings

Top-Dress Alfalfa and Clover

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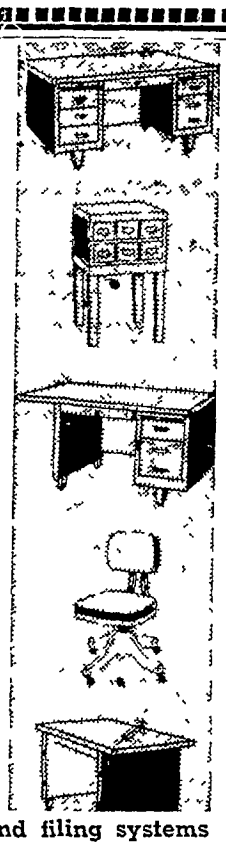

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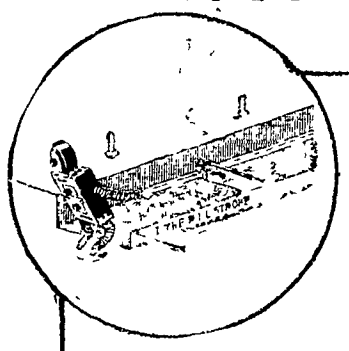

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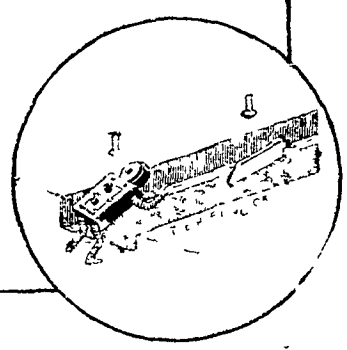

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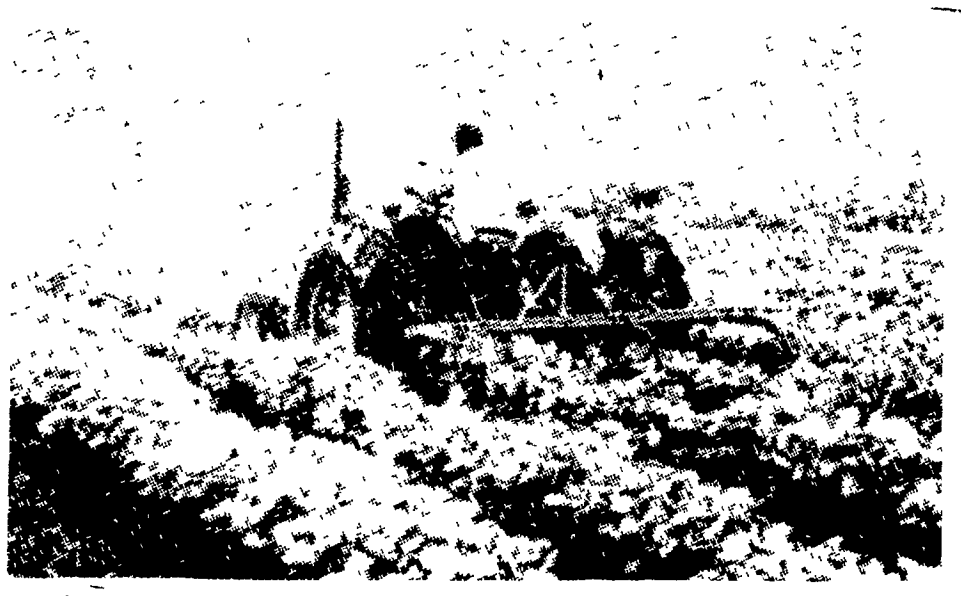

A fresh new agricultural empire is being created in North Carolina It is built on land which had been scorned as worthless by the pioneers They streamed around the great swamps of eastern Carolina and took lands higher up.

A century after that scramble spread across the mountains, over the plains and reached the Pacific, the land they passed by is coming into its own Down in Hyde, Washington, Tyrrell and Beaufort counties several hundred thousand acres are being cleared, drained and put into cultivation, chiefly in corn, soybeans and pasture, though some vegetables also are being raised

Lake Phelps Farm, Inc is developing this new agricultural empire. As of April 1, 1961, sales have been arranged for 3,150 acres and they expect to sell the remaining 2,850 acres before summer Most of the sales were made to investors under a program which assures the investor a profitable business with tax benefits He is also in a position to make a capital gain if he holds the farm at least three years before selling If the investor chooses to keep the land and leases it back to Lake Phelps they pay him rent that gives him a 10% to 25% return on his net investment The leasing arrangement is particularly attractive to people who expect to retire soon on a comparatively small income and to those who want to give children a steady income in the future

By virtually eliminating the hazard of bad weather, through the purchase of special machinery designed to work on ground saturated by heavy rains, a program of preparing 10,000 acres of land this year at costs lower than anticipated is assured It is planned to sell this newly-prepared land in 1961 and early 1962 for planting in 1962

MR. WALTER GAMBLE, now associated with Lake Phelps Farm, Inc., Washington, North Carolina,

was formerly an executive in charge of farm mortgages for Connecticut General Life Insurance Company

HE WILL SHOW SLIDES AND GIVE A SHORT TALK ON THIS PROGRAM AT NORTH CAROLINA

IN OFFICES AT 56 N. DUKE STREET, LANCASTER

ON JULY 7th AT 7:30 P. M.

Call A. G. Hoober at EX 7-0351 for more information.

RR Crossing Holds Hazard Auto Club Says

Although more lights flash and more bells today sound their warnings that trains are approaching, many motorists still take chances and drive across tracks in senseless races with death.

Accidents involving motor vehicles at railroad grade crossings took 2350 lives in 1959, the latest year for which figures are available. And those tragedies happened despite the modern warning equipment and never-ending attempts to educate drivers as to such dangerous practices, according to Edw. P Curran, Safety Director of Keystone Automobile Club.

"Many grade crossing accidents happen", he said, "because drivers apparently are not aware . . . or forget . . . that it is always dangerous to drive across the tracks while red signals are flashing even after the train has passed. Normally, this type of signal stops flashing when the last car of the train has cleared the crossing. But, if it continues to flash after a train has passed that is a certain indication that another train is approaching.

"Impatient and foolhardy motorists often approach a railroad crossing when the red lights and bells are warning that a train is approaching, calculate the train's distance away, and speed across the tracks. If calculations are correct and the car's engine and gears perform perfectly the driver gets away with it. If anything at all goes wrong there's a bad accident. Sometimes the driver of a car at the head of a long line waiting at the crossing is goaded into taking a chance by impatient horn-glowers behind. In other cases, some drivers just don't appear to see or hear the warning.

"Ignoring or 'jumping' the railroad crossing warning is extremely foolhardy and dangerous. The sensible driver waits until everything is 'all clear' in all directions."

Red Rose Pabst Bert Wayne, a registered Holstein cow owned by John W. Eshelman & Sons, Red Rose Research Center, Lancaster, produced 14,748 lbs. milk & 606 lbs. butterfat in 334 days on twice daily milking as a 5-year-old.

CHICKENS NEED WATER

During extremely hot weather chickens will double their water intake, so Harry H. Kauffman, Penn State extension poultry specialist, urges poultrymen to see that plenty of water is provided at all times.

LIGHT UP

An effective farmyard lighting system is an aid to safety and convenience. Penn State extension agritural engineers suggest a combination of yard lights on poles and flood lights located over entrances to farm buildings.

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● Lancaster Poultry

(From page 3)

33. Paul Gehman, Inc., (David S Hoover) 2400 WV, 9-1, W. C Mellinger & Son, 14 4; 34 Same, 5000 WV & IR, 9-2; Daniel K Good, 14 4;

35. D. E. Horn & Co. (Richard Baker) 4000 WV, 8-6, Meader's Poultry, 14 3; 36. J. W Eshelman & Sons (Red Rose Research Cen.) 1600 WV, 8-2, Daniel K. Good, 13.9; 37 Garden Spot Broilers John L. Herr), 1150 WVC, 13-2, NO SALE, 16.0 bid;

38 Same, 1000 WVC, 13-2, NO SALE, 16.0 bid; 39. Same, 400 WVC, 13-2, NO SALE, 17.9 bid; 41 Garden Spot Broilers (Jacob C. Herr) 1500 WVXP, 14, NO SALE, 19.6 bid; 42. Same, 1600 WVXP, 14, NO SALE, 17.2 bid; 43. Same, 18.2 bid.

● Chicago Yards

(From page 3)

1250 lbs. steady to 50 lower with weights over 1300 lbs. generally 25-50 lower. Heifers generally 50 higher. Cows mostly 1.00 lower. Bulls steady to 50 lower, other classes scarce.

Most prime and mixed choice and prime 1050-1450 lb. weights 21 50-24.50 with many prime and mixed high choice and prime 1250-14.50 lbs. 22.00-24.00. Bulk choice 900-1400 lbs. 21,50-23 50 with weights 1250 lbs. down largely 22.50-23.50. Bulk good 900-1300 lbs. 21 25-22.25 with around 1300 lbs. 21.00 and standard 19.00-21 00.

Few loads high choice and mired choice and prime 850-1050 lb heifer 23 25-23 50, Bulk choice 22.25-23.00. Good 21.00-22.00.

Cutter, utility and commercial cows 14 50-17.00. Canner 13.50-15 50 Utility & commercial bulls 17-20 75 late. Good and choice vealers 23 00-28 00 with load mixed good and choice 200 lbs 28

Few good and choice 850-915 lb feeding steers 21 50-23.10, load good 496 lb. stock steer calves 24 75

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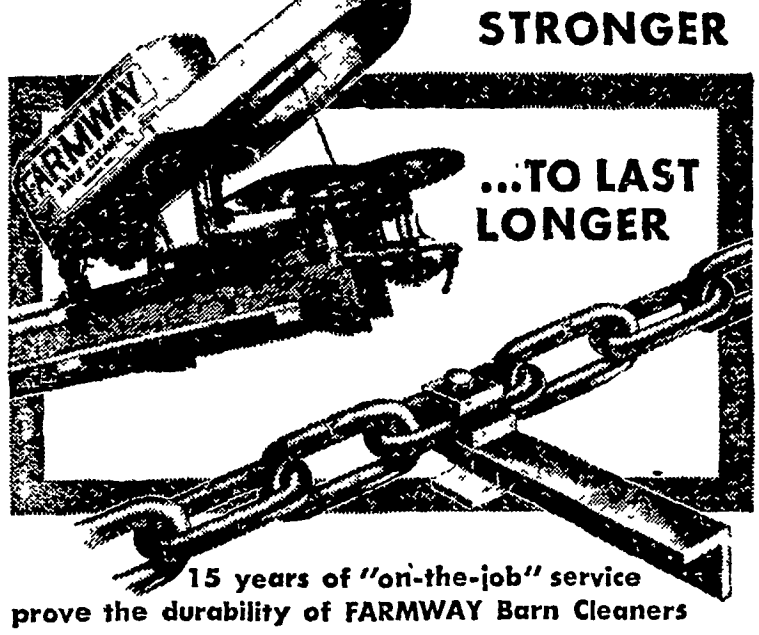

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FEATURES THAT ADD UP TO LONG SERVICE LIFE:

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● Crop Summary

(From page 1)

expect to start harvesting the first week in July; a small quantity of red beets is now available; early tomatoes are showing first bloom sweet corn continues to show rapid growth; lima beans in Erie County are nearing the final planting stages; harvest of green peas is active in southern and central counties; and a light volume of early cabbage and lettuce is now available.

Tobacco planting is almost completed with some cultivating taking place. Potatoes are generally in good condition in the south and east.

Fruit is sizing nicely and not much insect damage has been reported. Sour cherries are turning color and a few sweet cherries are being picked in southern counties Peaches are being thinned out in some areas. The first or preliminary estimate of the commercial apple crop will be released about July 10th.

Small grains are in good condition, with the exception of oats reported as fair to good. Barley is turning yellow in all sections with some harvesting in the south east. Wheat is in good condition and headed in most of the state.

Corn planting is almost completed throughout the state with the most advanced growth reported in the southern areas at 12 to 14 inches in heighth.

Hay quality is reported good to fair Pastures are in average condition and rate of growth is good.

● Japanese Beetles

(From Page 1)

fruits of all kinds, and many other plants.

Penn State extension entomologists believe there'll be a bumper crop of the half-inch long beetles, with coppery-bown wing covers and shiny metallic-green bodies So, if you want any plants in your backyard garden to remain intact you'll have to get busy now to protect them from the oncoming beetles.

Summer quarantine regulations, applied by the U. S. Department of Agriculture will go into effect against Japanese beetles as these destructive insects begin emerging from the soil in many areas of the eastern United States.

These measures became effective only when and where Japanese beetle activity makes hazardous the movement of commodiites, vehicle or aircraft into beetle-free areas.

The beetle, pest of more than 200 agricultural and ornamental plants, infests about six per cent of the U.S. To protect the other 94 per cent of the country, plant pest control inspectors of USDA's Agricultural Research Service keep a close watch on beetle infestations, which are normally spotty Regulatory action is taken when enough beetles appear to warrant it.

Under Federal quarantine are the District of Columbia and the States of Connecticut, Delaware, Maine, Maryland, Massachusetts, New Hampshire, New Jersey, New York, North Carolina, Ohio, Pennsylvania, Rhode Island, Vermont, Virginia and West Virginia.

Persons wishing to send or carry plants with soil outside regulated areas are urged to consult their local plant quarantine official about proper treatment to make the articles eligible for movement.

Farm real estate taxes totaled $1 2 billion in 1959. Tax on personal property on farms was another quarter billion dollars.

● Lindencamp

(From page 7)

DHIA Supervisors here

Certificates were awarded by Herbert C. Gilmore, extension dairy specialist, in charge of the DHIA program in Pennsylvania.

Officers elected by the 19 members of the Association were: Elwood Walters, Beaver Springs, Snyder County chairman; Arthur Wert, of Union County, vice chairman, Donald Hindman, of Clarks Summit, Lackawanna County, secreary, and James Rosengrant, Bradford County, vice secretary.

Over the last ten years 58,000 rural residents met death and two million were injured on the highway fatal accidents for the decade increased by 26 percent

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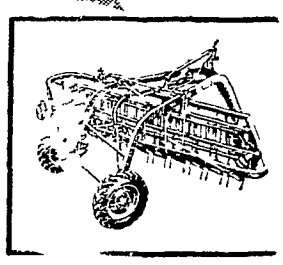

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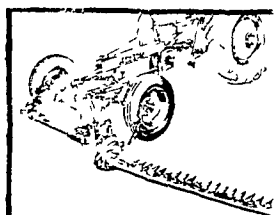

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In the three 1959-60 tests in which the new K-155 Kimberchik was entered, it equalled the well-known K-137 in net income.

Have us reserve your 1961 Kimber pullets now!

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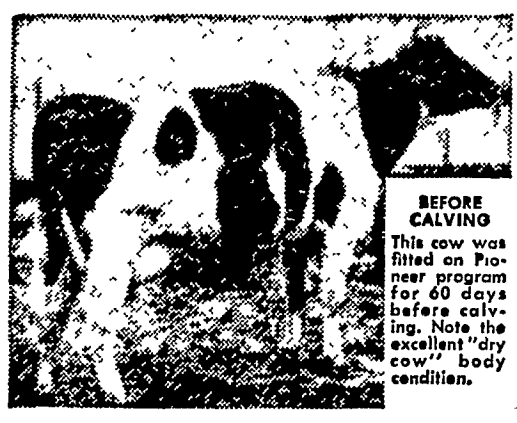

BEFORE CALVING
This cow was fitted on Pioneer program for 60 days before calving. Note the excellent "dry cow" body condition.

AFTER COMPLETING RECORD
The same cow after having produced 22,044 lbs. of milk and 1,[illegible] lbs of fat as a 4 year old. Note the extreme dairyness and exceptional body condition shown after this cow produced 11½ tons of milk.

60 DAYS ON PIONEER DRY AND FRESHENING WILL IMPROVE PROFITABILITY OF YOUR HERD

PIONEER DRY AND FRESHENING *DELIVERS*

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- Strong, vigorous calves
- Ease in calving
- Quick elimination of placenta
- Less udder congestion
- Better herd health

Calving stimulates a cow to produce fat beyond her ability to convert feed into milk. So, during the first months of her lactation, she "steals" milk-making nutrients from her body.

It requires only 600 pounds of Pioneer Dry and Freshening feed to repair the body tissue used during the previous lactation . . . to build a reserve of body condition for the next lactation . . . and to produce a vigorous calf.

Pioneer Dry and Fresh, fed during the dry period, is a sound investment in herd health, sustained high production, and longevity for your producing herd.

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ars of corn should be l filled with bright, mp, milky kernels which r only slight resistance to ssure The husks should fresh

Agents Wanted

a spare-time Greeting d and Gift Shop at home. w friends samples of our 1961 Christmas and All- asion Cards and Gifts e their orders and earn 100% profit. No experien- necessary. Costs nothing try Write today for ples on approval. Regal etings, Dept. 60, Fern- , Michigan.

Local Classified Advertising Rates

e This Handy Chart To Figure Your Cost

ds (Min)	(1) Issue $1.00	(3) Issues $2.40
	1.05	2 52
	1 10	2 64
	1 15	2 76
	1 20	2 88
	1 25	3.00

KEYED ADS (Ads with wer coming to a Box mber, c/o Lancaster Farm-) 25c additional.
ds running 3 or more secutive times with no nge billed at 4c per rd each time with 80c imum
DEADLINE: Wednesday rning of each week's pub- tion Positively no ads pted after noon Wednes-

ANCASTER FARM- NG, P. O. Box 1524, ancaster, Pa.
h. EX 4-3047 or 4-3572.

Mail Box Market

FREE, Subscribers to Lancaster Farming will receive one advertisement each month in our Mail Box Market. Subscribers using the Mail Box Market will be governed by the following rules: Limit your advertisement to five lines which means not over 25 words: All advertisements must be in our hands by Wednesday noon or same will be held over for next week's paper; No business advertisements accepted.

For Sale: Eight ft. McCormick Deering binder. Good condition Phone AN 7-5394. Wm. G. Gress, R2, Denver, Pa

For Sale· One milk goat, doe. Good milking goat. Ph Republic RE 3-0474.

For Sale: DeLaval milker, two units and pipe enough for six cows Phone OV 7-5861

For Sale Duroc pigs registered breeding stock from leading meat type blood lines Phone Ephrata Republic RE 3-0830.

Two mixed Border Collie pups Free to good home Call TR 2-7249.

For Sale: Registered Holstein heifers. (calfhood vaccinated) Some fresh now Roy W. Martin, Marietta, Pa Phone HA 6-9358.

For Sale· Twenty-five White Rock pullets Also electric sweeper. Phone TR 2-4744

Wanted Power driven sickle bar. Not exceeding 30" in width Reasonable. Capt J J. Jenks, Box 234, Gap, Pa

For Sale: Chihuahua pups David Stoltzfoos near New Providence

Livestock For Sale

FOR SALE—Wisconsin Dairy Cows, close up and fresh and quite a few to freshen later. Very liberal credit terms given to you Ammish farmers in the Dairy Business. Let our cows pay for themselves Drop a card giving location and name I. GREENBERG & SON, Highway 206, Mount Holly, N J. AMherst 7-1101. 50 years of Experience.

For Sale: Wisconsin Dairy cows. I have just gotten acquainted with a good Wisconsin cow dealer. He will sell you good cows. If you need one cow or a truck load, call me by phone or see me. I will get you fixed up Wm. Boley, R1, East Earl. Phone New Holland, Elgin 4-7218.

Give Lancaster Farming advertising a chance to work ing Advertisers.

• Fly Baits & Bombs
• Fly Killer D
Available at
Hess Bros.
FLORIN, PA.
Ph. Mt. Joy OL 3-7195

Public Horse Sale
MONDAY, JULY 17, '61
at 7 00 p m
BLUE BALL, PA.
Lancaster County
Load of Kentucky horses, 3 & 5 gaited, harness and pleasure horses. Load of quarter horses, registered & grades Lot of cheap using ponies.
PAUL Z. MARTIN
Ph. New Holland EL4-6671

AVOID MOWER ACCIDENTS

Clear lawns of stones, wire, bones, and other objects before starting the power mower, cautions Ralph Patterson, Penn State extension safety specialist. He says hard objects such as these can fly out like bullets if hit by the mower, and they may injure or kill anyone they might strike.

CREEP FEEDING PAYS

Creep feeding of beef calves returns an average of two dollars for every dollar invested in feed, says Ben Morgan, Penn State extension livestock specialist. Creep-fed calves weigh more at weaning time and are one grade higher in quality.

Real Estate

TO SELL YOUR FARM NOW—Call Paul the Farm Realtor. York 3-3801. Member National Farm Brokers —Write for Free Folder "Buying or Selling a Farm" 255 E. Philadelphia St., York

Poultry & Supplies

WE ARE OFFERING SPECIAL LOW SUMMER CHICK PRICES
On BABCOCK BESSIES and BONNIES for delivery in July & August You can't afford to pass this up if you buy summer chicks. Call collect or write us today!
Babcock Hatchery, Inc
Lititz MA 6-5872

Warren-Darby DX Leghorns are great layers Warren-Darby Associate Hatchery Keener Poultry Farm, R D 1 Elizabethtown. Ph. EM 7-3246

Now is the time to have your dairy barn or chicken house air conditioned by Vent-O-Matic. Control ventillation without drafts. All installation guaranteed. Also other used fans Hiestand Inc., Marietta R1, Ph. HA-6-9301.

Ghostly Pearl Pullets
MOORE FARMS
780 Eden Road, Lancaster
Phone LO 9-0416

KimberCHIKS
from Hubbard Farms
MAKE MONEY
K-137
1961 Model
HUBBARD FARMS
Walpole, N.H. Chicks Statesville, N C.
Lancaster, Pa. Grove City, Pa.

ORDER
H & N 'Nick Chick'
OR
"MARK II's" now
AMSTUTZ HATCHERIES
CALL
PAUL METZLER
New Holland EL 4-2232

HUBBARD
496
HEAVY PRODUCERS OF LARGE BROWN EGGS
HUBBARD FARMS • Walpole, N H
Lancaster, Pa , Statesville, N C , Grove City, Pa

H & N
"Nick Chick"
or Mark II
DAY OLD OR STARTED
Pullet Chicks
FLORIN FARMS
Mt. Joy OL 3-9891

Each year more than 1,000 persons are killed in farm tractor accidents — over the last eight years the death rate has climbed 50 percent One-third of tractor fatalities occur on the highways.

SPECIAL DISCOUNT SALE ON SURPLUS STOCK OF NEW FARM EQUIPMENT

3 J.D. #1 Hay Conditioners
1 J D #896 Side Rake
1 J.D #354 L W. Side Rake
1 J D. #5 Mower
2 J D #953 Wagons
2 J D "R" Spreaders
1 J D. #630 Tractor with steel wheels
1 J.D. #420 Tractor
1 J D #430 Tractor
1 J D #6 Hammer Mill
1 J.D. #40 Hi-Lo Combine
1 N I. #209 Spreader
2 N I #400 Side Rakes
1 N I. #49 Side Rake
1 N I. #625 Wagon
1 N I. #38 Mower
1 N I #17 Spreader
1 N I #19 Spreader
1 N 1. #201 Spreader
2 N I #750 Hay Conditioners
1 N H #45 Mower
1 N H #405 Hay Crusher
2 N H #65 Balers
1 N H #67 Baler
1 N H #68 Baler
2 N H #33 Crop Chopper
1 N H #611 Harvester
1 N H #331 Spreader
2 N H #180 Grain Boxes
1 Brillion HA84 Hay Conditioner
1 Papec #10 Hammer Mill
1 Papec #45 Ensilage Blower
1 Babcock #24 tooth Harrow
A B. C GROFF
NEW HOLLAND EL 4-8001
"Over 70 years of Farm Equipment Service"

Miscellaneous

Tobacco lath now here. Special cash price off-car. L Clyde Smith & Sons, Inc, 194 Greenfield Rd. Phone EX 2-8015

WANTED FOR SEED: BALBOA and TETRA PETKUS RYE. Call Manheim Mohawk 5-2234 before harvesting crop

Auctioneer
Instructor
Col R. E. Knotts
Callipolis, Ohio
Home Study Course $25 00
Complete with Diploma
Also easy payment plan.
Member of National A. A.

Does your roof leak? Is your spouting bad? Are you ashamed of the paint coming off your house? If so, call Ralph F. Kline, a RELIABLE CONTRACTOR. Lancaster LO 9-0841; - Ephrata RE 3-1224 - Columbia MU-4-9429; Lititz MA 6-7474.

FOR THE WOMEN
PLASTIC FREEZER CONTAINERS. Square pints, $9 95; quarts, $15 00; half gallons, $25 95, per hundred, postpaid. Lids included. Sample pint - 25c Oxboro, Box 7031 AB, Minneapolis 11, Minn.

For the most economical source of nitrogen use anhydrous amonia. Supplied and applied by Hiestand, Inc, R D 1, Marietta. Ph HA 6-9301.

Patronize Lancaster Farming Advertisers.

SALE WILL BE HELD
TUESDAY, JULY 4th
Vintage Sales Stables, Inc.
VINTAGE, PA.
Frank Dussinger, Manager

New Holland Sales Stables
Horse Sale — Every Monday at 11 A. M.
Dairy Cattle Every Wednesday at 12:30
Beef Cattle and Calves—
Every Thursday at 12:30
JOHN H. GINGRICH, Mgr.
Ph. New Holland EL 4-2194 New Holland, Pa.

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Lincoln Welder
225 VOLT
ONLY **$155.**
The New Lincoln can be used to
Weld - Thaw Pipes - Cut - Solder
and many other jobs.
BRAND NEW IN STOCK
Farmersville Equip. Co.
EPHRATA, R. D. 2 Phone EL 4-9221

Tractor Spark Plugs

Wear May Mean Poor Firing

Ever wonder why you're supposed to change the spark plugs in your tractor after every 250 hours of operation?

Why not leave them in for 300—500—even 1,000 hours as long as they look okay when you take them out?

There's a good reason, according to the technical services department of a national spark plug company Engineers there advise that their 250 hour change recommendation is not actually based on the fact that spark plugs are "worn out" in the strictest sense after 250 hrs. of service. This figure, selected after extensive spark plug life tests—merely represents a safety factor beyond which plugs may misfire under an extremely heavy load It also represents the point at which gas economy and horse power begin to drop

The engineers consider a spark plugs worn out when it reaches the point where it is likely to misfire—regardless of its appearance. And, contrary to popular opinion, misfiring doesn't necessarily mean the plug didn't create a spark It means simply that the plug failed to ignite the gasoline properly — whether a spark was produced or not!

How can a spark be produced and the plug still misfire? Because "spark tracking" (or high-tension current leakage) through carbon deposits on the spark plug's firing end can result in a weak spark, which in turn causes incomplete burning of the fuel mixture, and results in a loss of both power and economy.

High resistance which develops as the spark plug electrodes become rough and uneven and the gap between the electrodes increases, also can result in the spark being too weak Here too the gasoline isn't ignited properly and incomplete burning of the fuel charge can result.

A new spark plug with the correct gap setting needs about 5000 volts to fire However, as the plug remains in service, constant heat and chemical attack plus electrical erosion cause the gap to become wider, thus increasing the amount of voltage needed to fire the plug.

Most spark plug engineers agree that a safety factor is needed in the spark plug to ensure proper plug performance under every possible operating condition Consequently, they try to keep the amount of voltage necessary to spark the plugs well below the amount of voltage that the coil is capable of producing. . and keep in mind, this safety factor must take into consideration the fact that as the ignition system becomes older, it's potential high voltage output drops off. A new ignition system, for example, may be able to produce over 20,000 volts of electricity The same system after 1100 or 1200 hours without replacing any of the parts may only be able to produce 14 to 15,000 volts

By extensive testing programs, Champion engineers have determined that the maximum useful life of a tractor spark plug is about 250 hours—if the safety factor is to be kept in mind. Plugs used beyond this limit generally will not be able to spark under all operating conditions.

Remember, as plugs remain in service, more voltage is needed to make them spark As the ignition system ages, its ability to produce high voltage lessens. If the point is reached where the spark plugs require more voltage to spark than the system can produce, the spark plugs misfire.

Changing spark plugs at 250-hour intervals prevents this from happening.

● Corn Growing

(From page 1)

loose soil might not cause a picking problem in a wet fall. He said, "I am tempted to try it (wheeltrack planting) on a piece of alfalfa that didn't do too well this spring. I need some more corn for refilling the silo; so I might just try it." Kreider also said he didn't think the rough ground would present any more problem at picking time than the high ridges some farmers throw up around their corn rows.

The looseness of the soil came in for its fair share of the discussion In the adjoining field, worked in the conventional manner, puddles of water from the recent rain storms stood in several places, while the farmers could walk through the wheeltrack plots without feeling the slippery mud beneath their feet

Fredd pointed out the water absorbing ability of the loose soil and explained that the water would be retained better as well. Since the soil has not been compacted and will not be stirred, no crust forms on the surface and water does not rise to the surface to evaporate.

While the wheeltrack plots showed considerable unevenness in heights of the corn, most growers felt the crop would become more uniform later in the season. The corn seed appears to germinate at a more uneven rate when the soil has not been worked fine and packed firm For this same reason, weeds germinate later and are shaded out by the crop.

Hess says he is well pleased with the trials but adds "we didn't do as good a job of controlling grass as I would like to see."

At the discussion period after inspection of the fields Richard Maule of Quarryville R2 summed up the feelings of many in attendance when he said, "We all resist change, but I appreciate the opportunity to come to this meeting and I'm glad Mr. Hess is still young enough to try some new methods."

From HORNCO FEEDS . . . another service to help business poultrymen!

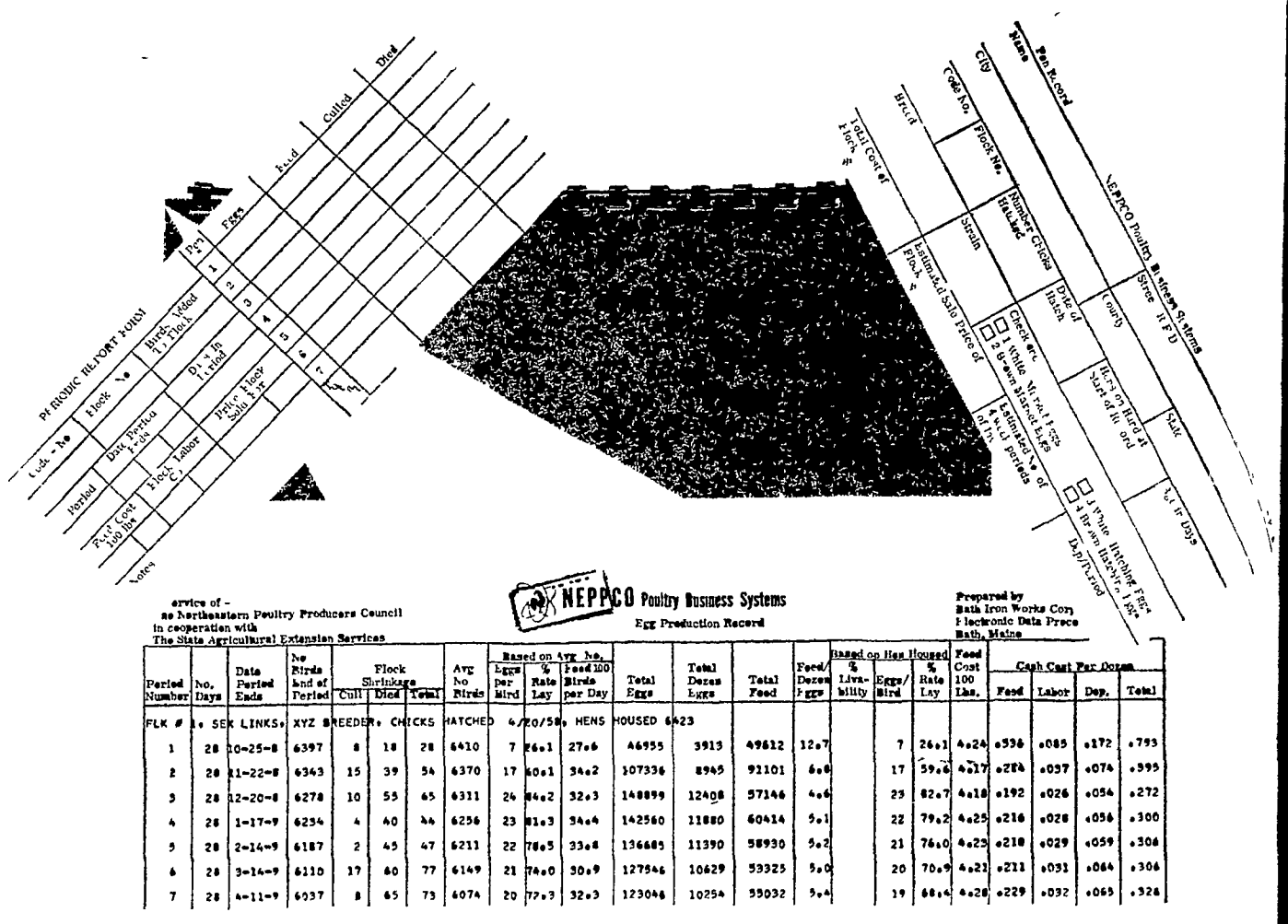
EGG PRODUCERS YOU WILL NEED RECORDS TO SURVIVE!

—WHAT IS YOUR FEED COST PER DOZEN?
—WHAT IS YOUR FEED CONVERSION PER DOZEN?
—HOW MANY EGGS ARE YOU GETTING PER BIRD?

Most egg producers cannot answer these questions, and yet they will be most important in the future as other areas, such as the south, become more interested in egg production.

The poultrymen of this area will have to know, by records, if they can compete, and if not, why and what they can do to correct the situation.

Because D. E. Horn & Co. feel records are so important, they are offering as a service to their customers, the NEW HORNCO RECORD keeping system (prepared by NEPPCO). A COMPLETE NEW WAY TO GET THE RECORDS YOU NEED WITH VERY LITTLE WORK. Your Hornco Service Consultant and IBM machine will do the work for you. Write or call collect . . . learn about this new service from Hornco Feeds.



service of —
as Northeastern Poultry Producers Council
in cooperation with
The State Agricultural Extension Services

Prepared by
Bath Iron Works Corp
Electronic Data Proce
Bath, Maine

Period Number	No. Days	Date Period Ends	No Birds End of Period	Flock Shrinkage Cull	Died	Total	Avg No Birds	Based on Avg No. Eggs per Bird	% Rate Lay	Feed 100 Birds per Day	Total Eggs	Total Dozen Eggs	Total Feed	Feed/ Dozen Eggs	Based on Hen Housed % Livability	Eggs/ Bird	% Rate Lay	Feed Cost 100 Lbs.	Cash Cost Per Dozen Feed	Labor	Dep.	Total
FLK # 1. SEX LINKS. XYZ BREEDER. CHICKS HATCHED 4/20/58. HENS HOUSED 6423																						
1	28	10-25-8	6397	8	18	26	6410	7	26.1	27.6	46955	3913	49812	12.7		7	26.1	4.24	.536	.085	.172	.793
2	28	11-22-8	6343	15	39	54	6370	17	60.1	34.2	107336	8945	92101	6.8		17	59.6	4.17	.278	.057	.074	.995
3	28	12-20-8	6278	10	55	65	6311	24	84.2	32.3	148899	12408	57146	4.6		23	82.7	4.18	.192	.026	.054	.272
4	28	1-17-9	6254	4	40	44	6256	23	81.3	34.4	142560	11880	60414	5.1		22	79.2	4.25	.216	.028	.056	.300
5	28	2-14-9	6187	2	45	47	6211	22	78.5	33.8	136685	11390	58930	5.2		21	76.0	4.23	.218	.029	.059	.306
6	28	3-14-9	6110	17	60	77	6149	21	74.0	30.9	127946	10629	53325	5.0		20	70.9	4.22	.211	.031	.064	.306
7	28	4-11-9	6037	8	65	73	6074	20	72.3	32.3	123046	10254	55032	5.4		19	68.4	4.28	.229	.032	.065	.326

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